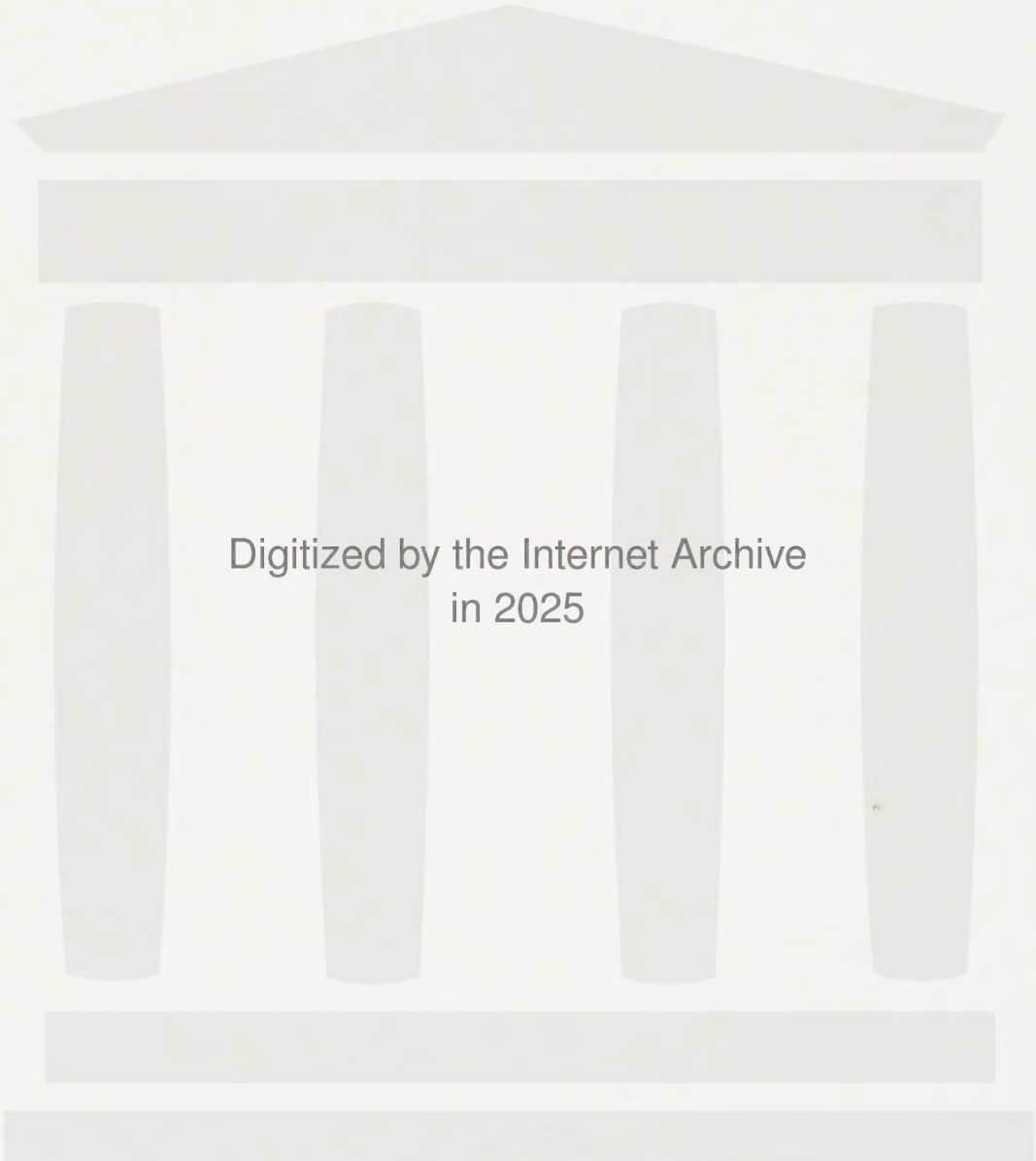
Current Fishery Statistics No. 2000

Fisheries of the United States, 2000

August 2001

U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
National Marine Fisheries Service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Fisheries of the United States 2000

National Marine Fisheries Service
Office of Science and Technology
Fisheries Statistics and Economics Division

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August 2001

U.S. DEPARTMENT OF COMMERCE

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Preface

FISHERIES OF THE UNITED STATES, 2000

This publication is a preliminary report for 2000 on commercial and recreational fisheries of the United States with landings from the U.S. territorial seas, the U.S. Exclusive Economic Zone (EEZ), and on the high seas. This annual report provides timely answers to frequently asked questions.

SOURCES OF DATA

Information in this report came from many sources. Field offices of the National Marine Fisheries Service (NMFS), with the generous cooperation of the coastal states, collected and compiled data on U.S. commercial landings and processed fishery products.

The NMFS Fisheries Statistics and Economics Division in Silver Spring, MD, managed the collection and compilation of recreational statistics, in cooperation with various States and Interstate Fisheries Commissions, and tabulated and prepared all data for publication. Sources of other data appearing in this publication are: U.S. Bureau of the Census, U.S. Bureau of Labor Statistics, U.S. Coast Guard, U.S. Customs Service, U.S. Department of the Interior, U.S. Department of Agriculture, and the Food and Agriculture Organization (FAO) of the United Nations.

PRELIMINARY AND FINAL DATA

Data on U.S. commercial landings, employment, prices, production of processed products, and recreational catches are preliminary for 2000. Final data will be published in other NMFS Current Fishery Statistics publications.

The Fisheries Statistics and Economics Division of NMFS takes this opportunity to thank states, industry, and foreign nations who provided the data that made this publication possible. Program leaders of the field offices were: Gregory Power, Bob Morrill and Gene Steady for the New England, Middle Atlantic, and Chesapeake states; Scott Nelson, National Biological Service Science Center, Great Lakes States; Linda Hardy, Guy Davenport, and Maggie Bourgeois for the South Atlantic and Gulf States; Patricia J. Donley, California and Hawaii; John K. Bishop, Oregon and Washington; and David Ham assisting Gary Christofferson of the Pacific State Marine Fisheries Commission for Alaska.

NOTES

The time series of U.S. catch by species and distance from shore included in this year's "Fisheries of the U.S." is estimated by the National Marine Fisheries Service.

As in past issues of this publication, the units of quantity and value are defined as follows unless otherwise noted: U.S. landings are shown in round weight (except mollusks which are in meat weight); quantities shown for U.S. imports and exports are in product weight, as reported by the U.S. Bureau of the Census; the value of the U.S. domestic commercial landings is exvessel; in the Review Section on important species, deflated exvessel prices are shown. The deflated value was computed using the Gross Domestic Products Implicit Price Deflator using a base year 1992; the value for U.S. imports is generally the market value in the foreign (exporting) country and, therefore, excludes U.S. import duties, freight charges from the foreign country to the United States, and insurance; the value for exports is generally the value at the U.S. port of export, based on the selling price, including inland freight, insurance, and other charges. Countries and territories shown in the U.S. foreign trade section are established for statistical purposes in the Tariff Schedules of the United States Annotated (International Trade Commission) and reported by the U.S. Bureau of the Census.

SUGGESTIONS

The Fisheries Statistics and Economics Division wishes to provide the kinds of data sought by users of fishery statistics, and welcomes comments or suggestions that will improve this publication.

Address all comments or questions to:

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Review

U.S. LANDINGS

Commercial landings (edible and industrial) by U.S. fishermen at ports in the 50 states were 9.1 billion pounds or 4.1 million metric tons valued at $3.5 billion in 2000—a decrease of 270.0 million pounds (down 3 percent) and an increase of $82.4 million (up 2 percent) compared with 1999. Finfish accounted for 85 percent of the total landings, but only 45 percent of the value. The 2000 average exvessel price paid to fishermen was 39 cents compared to 37 cents in 1999.

Catches of Alaska pollock, Pacific whiting and other Pacific groundfish that are processed at-sea aboard U.S. vessels in the northeastern Pacific are credited as "landings" to the state nearest to the area of capture. Information on landing port or percentage of catch transferred to transport ships for delivery to foreign ports is unavailable. These at-sea processed fishery products, on a round (live) weight basis, exceeded 1.0 million metric tons in 2000 and comprised almost 25 percent of the total domestic landings in the 50 states

Commercial landings by U.S. fishermen at ports outside the 50 states along with Internal Water Processing (IWP) agreements (see glossary) provided an additional 290.3 million pounds (131,700 metric tons) valued at $88.9 million. This was a decrease of 31 percent, or 132.2 million pounds (60,000 metric tons) in quantity and $46.0 million (34 percent) in value compared with 1999. Most of these landings consisted of halibut, sea herring and tuna landed in Canada, American Samoa and other foreign ports.

Edible fish and shellfish landings in the 50 states were 6.9 billion pounds (3.1 million metric tons) in 2000—an increase of 80.0 million pounds (36.3 million metric tons) compared with 1999.

Landings for reduction and other industrial purposes were 2.2 billion pounds (978,400 metric tons) in 2000—a decrease of 14 percent compared with 1999.

The 2000 U.S. marine recreational finfish catch (including fish kept and fish released (discarded)) on the Atlantic, Gulf, and Pacific coasts was an estimated 429.4 million fish taken on an estimated 75.3 million fishing trips. The harvest (fish kept or released dead) was estimated at 184.5 million fish weighing 254.2 million pounds.

WORLD LANDINGS

In 1999, the most recent year for which data are available, world commercial fishery landings and aquaculture were 126.2 million metric tons—an increase of 8.4 million metric tons (up 7 percent) compared with 1997.

China was the leading nation with 31.7 percent of the total harvest; Peru, second with 6.7 percent; Japan, third with 4.7 percent; India, fourth with 4.2 percent; and Chile, fifth with 4.2 percent. The United States ranked sixth with 4.1 percent in 1999.

PRICES

The 2000 annual exvessel price index for edible fish increased by 4 percent, shellfish increased by 1 percent, and industrial fish remained unchanged when compared with 1999. Exvessel price indices increased for 13 of the 33 species groups being tracked, decreased for 16 species groups, were unchanged for three species groups, and weren't available for one species. The snow crab price index had the largest increase (108 percent) while the coho salmon price index showed the largest decrease (44 percent).

PROCESSED PRODUCTS

The estimated value of the 2000 domestic production of edible and nonedible fishery products was $7.2 billion, $95.2 million less than in 1999. The value of edible products was $6.7 billion—an increase of $2.5 million compared with 1999. The value of industrial products was $510.1 million in 2000—a decrease of $97.6 million compared with 1999.

FOREIGN TRADE

The total import value of edible and nonedible fishery products was $19.0 billion in 2000—an increase of $2.0 billion compared with 1999. Imports of edible fishery products (product weight) were 4.0 billion pounds (1.8 million metric tons) valued at $10.1 billion in 2000—an increase of 90.3 million pounds and $1.0 billion compared with 1999. Imports of nonedible (i.e., industrial) products were $8.9 billion—an increase of $928.2 million compared with 1999.

Total export value of edible and nonedible fishery products was $10.9 billion in 2000—an increase of $892.1 million compared with 1999. United States firms exported 2.2 billion pounds (985,400 metric tons) of edible products valued at $3.0 billion—an increase of 211.4 million pounds, and $116.3 million compared with 1999. Exports of nonedible products were valued at $7.9 billion, $775.8 million more than 1999.

SUPPLY

The U.S. supply of edible fishery products (domestic landings plus imports, round weight equivalent, minus exports) was 10.1 billion pounds (4.6 million metric tons) in 2000—a decrease of 192.6 million pounds (2 percent) compared with 1999. The supply of industrial fishery products was 1.4 billion pounds (647.7 million metric tons) in 2000—a decrease of 410.1 million pounds (22 percent) compared with 1999.

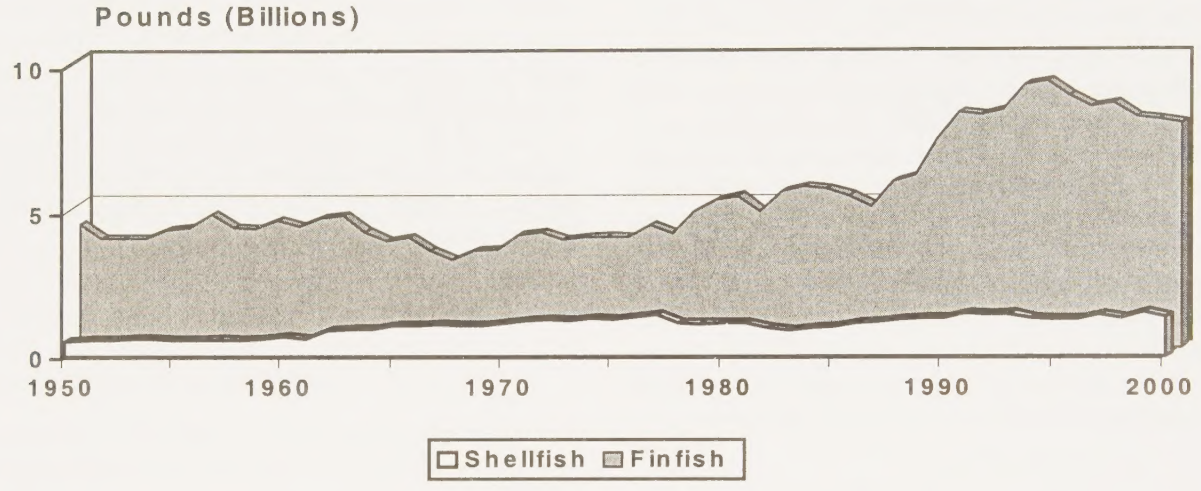
PER CAPITA CONSUMPTION

U.S. consumption of fishery products was 15.6 pounds of edible meat per person in 2000, up 0.2 pound from the revised 1999 per capita consumption of 15.4 pounds.

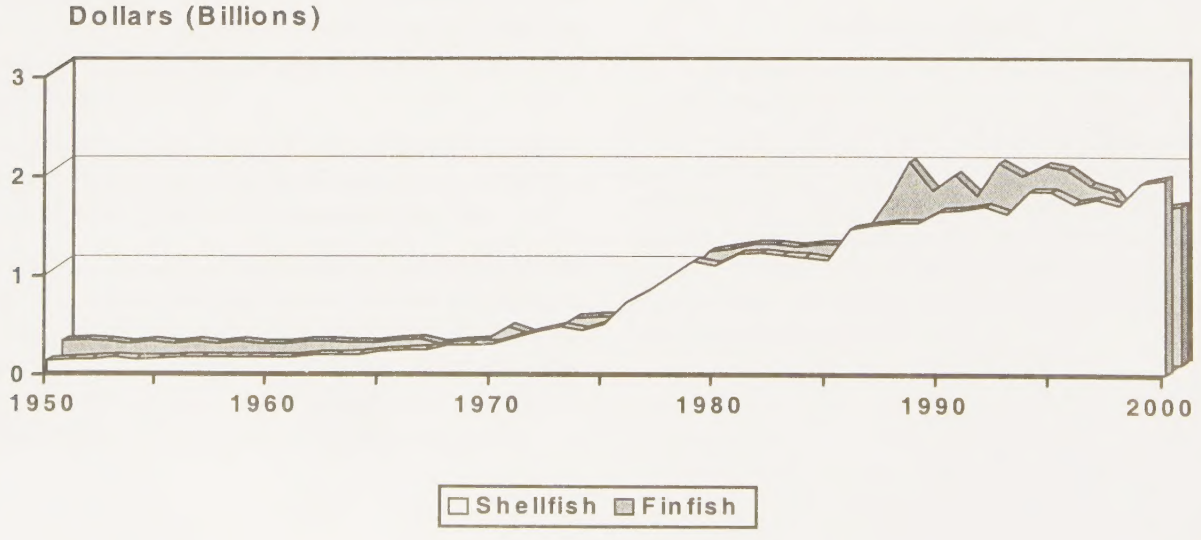
CONSUMER EXPENDITURES

U.S. consumers spent an estimated $54.4 billion for fishery products in 2000. The 2000 total includes $38.0 billion in expenditures at food service establishments (restaurants, carry-outs, caterers, etc.); $16.1 billion in retail sales for home consumption; and $317.8 million for industrial fish products. By producing and marketing a variety of fishery products for domestic and foreign markets, the commercial marine fishing industry contributed $27.8 billion (in value added) to the U.S. Gross National Product.

Volume of Domestic Finfish and Shellfish Landings
1950 - 2000



Value of U.S. Domestic Finfish and Shellfish Landings
1950 - 2000



Alaska led all states in volume with landings of 4.5 billion pounds, followed by Louisiana, 1.3 billion; California, 641.2 million pounds; Virginia, 443.2 million; and Washington, 380.2 million.

Alaska led all states in value of landings with $957.0 million, followed by Louisiana, $401.1 million; Massachusetts, $288.3 million; Maine, $275.1 million; and Texas, $232.4 million.

Dutch Harbor-Unalaska, Alaska, was the leading U.S. port in quantity of commercial fishery landings, followed by: Cameron, Louisiana; Empire-Venice, Louisiana; Reedville, Virginia; and Intercoastal City, Louisiana.

New Bedford, Massachusetts was the leading U.S. port in terms of value, followed by: Dutch Harbor-Unalaska, Alaska; Kodiak, Alaska; Dulac-Chauvin, Louisiana; and Empire-Venice, Louisiana.

Tuna landings by U.S.-flag vessels at ports outside the continental United States amounted to 285.9 million pounds. Halibut also were landed at ports outside the United States.

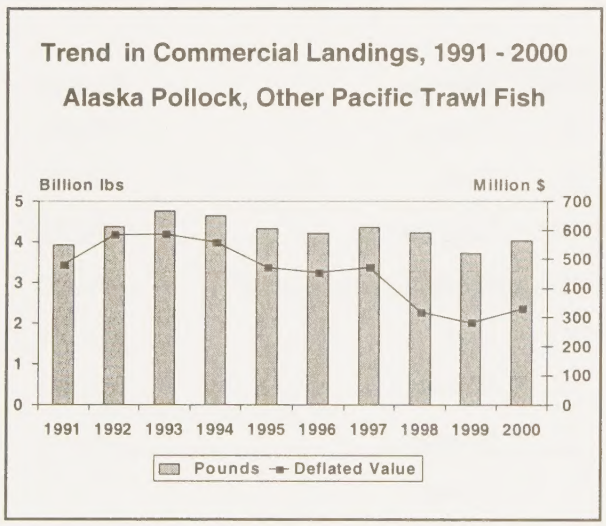
Major U.S. Domestic Species Landed in 2000
Ranked By Quantity and Value
(Numbers in thousands)

Rank	Species	Pounds	Rank	Species	Dollars
1	Pollock	2,615,715	1	Shrimp	690,453
2	Menhaden	1,760,498	2	Crabs	405,006
3	Salmon	628,635	3	Lobsters	334,226
4	Cod	555,565	4	Salmon	270,213
5	Hakes	489,665	5	Cod	168,714
6	Flounders	412,723	6	Pollock	167,553
7	Shrimp	322,486	7	Scallops	164,739
8	Squid	317,028	8	Clams	153,973
9	Crabs	299,006	9	Halibut	143,826
10	Herring (sea)	235,104	10	Menhaden	112,403

ALASKA POLLOCK AND OTHER PACIFIC TRAWL FISH

U.S. landings of Pacific trawl fish (Pacific cod, flounders, hake, Pacific ocean perch, Alaska pollock, and rockfishes) were 4.0 billion pounds valued at $385.7 million—an increase of 8 percent in quantity and 20 percent in value compared with 1999.

Landings of Alaska pollock increased 12 percent to 2.6 billion pounds and were almost identical to their 1995 - 1999 5 - year average. Landings of Pacific cod were 530.5 million pounds — an increase of 1 percent from 524.0 million pounds in 1999. Pacific hake (whiting) landings were 452.7 million pounds (down 5 percent) valued at $18.8 million (up 1 percent) compared to 1999. Landings of rockfishes were 50.0 million pounds (down 21 percent) and valued at $23.4 million (down 23 percent) compared to 1999. The 2000 rockfish landings were 65 percent lower than the 5-year average.



ANCHOVIES

U.S. landings of anchovies were 25.3 million pounds—an increase of 13.6 million pounds (116 percent) compared with 1999. Ten percent of all landings were used for animal food or reduction and 90 percent were used for bait. We import all edible anchovies.

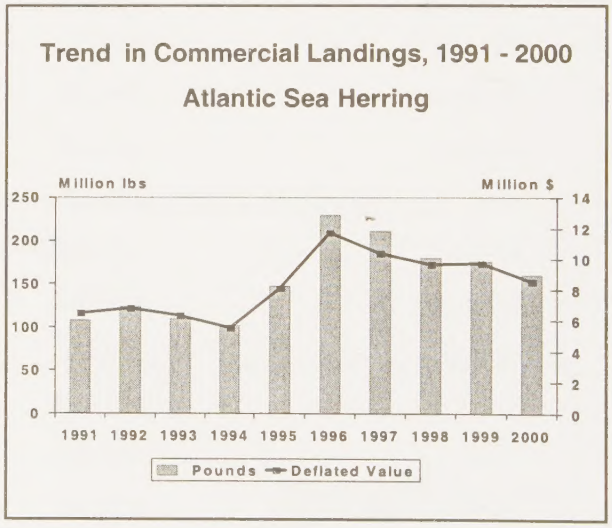
HALIBUT

U.S. landings of Atlantic and Pacific halibut were 75.2 million pounds (round weight) valued at $143.8 million—a decrease of 5.1 million pounds (6 percent), and an increase of $19.1 million (15 percent) compared with 1999. The Pacific fishery accounted for all but 25,000 pounds of the 2000 total halibut catch. The average exvessel price per pound in 2000 was $1.91 compared with $1.55 in 1999.

HERRING, SEA

U.S. commercial landings of sea herring were 235.1 million pounds valued at $22.0 million—a decrease of 31.4 million pounds (12 percent), and a decrease of $4.1 million (16 percent) compared with 1999. Landings of Atlantic sea herring were 160.3 million pounds valued at $10.0 million—a decrease of 15.2 million pounds (9 percent), and $1.1 million (10 percent) compared with 1999.

Landings of Pacific sea herring were 74.8 million pounds valued at $12.0 million—a decrease of 16.2 million pounds (18 percent), and $2.9 million (20 percent) compared with 1999. Alaska landings accounted for 91 percent of the Pacific coast with 68.0 million pounds valued at $9.6 million—a decrease of 17.3 million pounds (20 percent), and $3.2 million (25 percent) compared with 1999.



JACK MACKEREL

California accounted for 86 percent, Oregon for 12 percent, and Washington for 2 percent of the U.S. landings of jack mackerel in 2000. Total landings were 2.9 million pounds valued at $247,000—an increase of 441,000 pounds (18 percent), and $48,000 (24 percent) compared with 1998. The 2000 average exvessel price per pound was 9 cents.

MACKEREL, ATLANTIC

U.S. landings of Atlantic mackerel were 12.5 million pounds valued at $2.0 million—a decrease of 14.1 million pounds (53 percent) and $1.6 million (43 percent) compared with 1999. New Jersey with 9.6 million pounds and Rhode Island with 1.9 million pounds accounted for 93 percent of the total landings. The average exvessel price per pound increased to 16 cents in 2000 when compared to 13 cents in 1999.

MACKEREL, CHUB

Landings of chub mackerel were 47.1 million pounds valued at $2.8 million—an increase of 27.8 million pounds (145 percent) and $1.7 million (161 percent) compared with 1999. California accounted for 99 percent of total landings. The average exvessel price per pound was 6 cents, unchanged from 1999.

MENHADEN

The U.S. menhaden landings were 1.8 billion pounds valued at $112.4 million—a decrease of 228.6 million pounds (11 percent) and $679,000 (1 percent) compared with 1999. Landings decreased by 1.9 million pounds (less then 1 percent) in the Atlantic states, and by 226.7 million pounds (15 percent) in the Gulf states compared with 1999. Landings along the Atlantic coast were 456.6 million pounds valued at $31.7 million. Gulf region landings were 1.3 billion pounds valued at $80.7 million.

Menhaden are used primarily for the production of meal, oil, and solubles, while small quantities are used for bait.

NORTH ATLANTIC TRAWL FISH

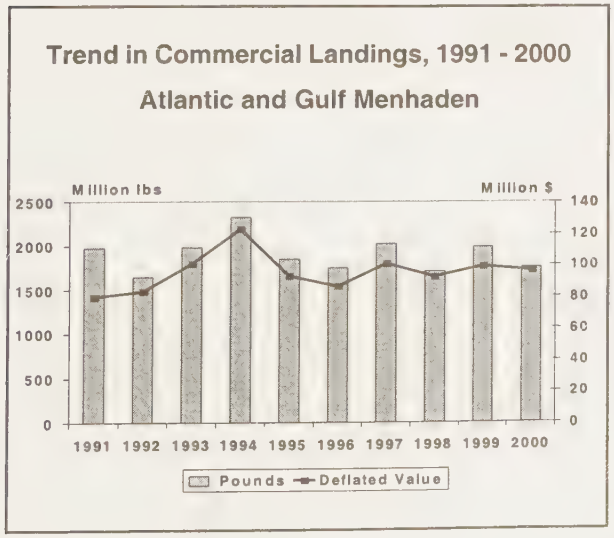
Landings of butterfish, Atlantic cod, cusk, flounders (winter/blackback, summer/fluke, yellowtail and other), haddock, red and white hake, ocean perch, pollock and whiting (silver hake) in the North Atlantic (combination of New England, Middle Atlantic, and Chesapeake Regions) were 144.2 million pounds valued at $135.4 million—an increase of 11.6 million pounds (9 percent), and $4.6 million (4 percent) compared with 1999. Of these species, flounder led in total value in the North Atlantic, accounting for 41 percent of the total; followed by whiting, 19 percent; and cod, 17 percent.

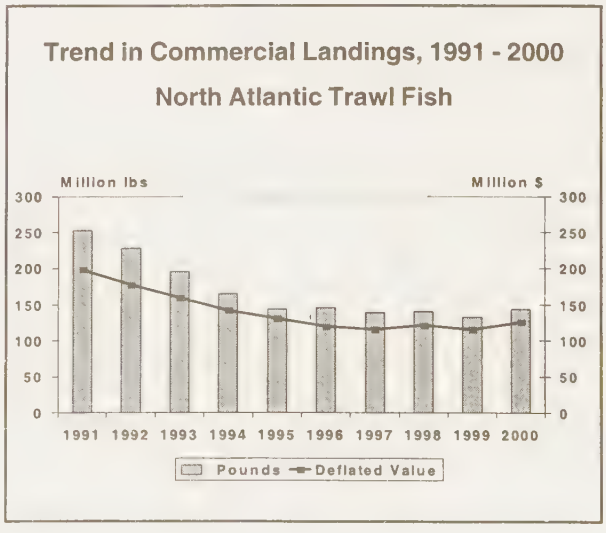
The 2000 landings of Atlantic cod were 25.1 million pounds valued at $26.4 million—an increase of 3.6 million pounds (17 percent) and $2.4 million (10 percent) compared with 1999. The exvessel price per pound was $1.05 cents in 2000, down from $1.12 per pound in 1999.

Landings of yellowtail flounder were 15.3 million pounds—an increase of 5.5 million pounds (56 percent) from 1999, and about 127 percent higher than its 5-year average.

Haddock landings increased to 8.8 million pounds (27 percent) and $11.6 million (27 percent) compared to 1999.

North Atlantic pollock landings were 8.9 million pounds valued at $7.0 million—a decrease of 1.2 million pounds (12 percent), and $1.4 million (17 percent) compared with 1999.





PACIFIC SALMON

U.S. commercial landings of salmon were 628.6 million pounds valued at $270.2 million—a decrease of 186.2 million pounds (23 percent) and $89.6 million (25 percent) compared with 1999. Alaska accounted for 96 percent of total landings; Washington, 2 percent; California, Oregon, and Great Lakes accounted for 2 percent of the catch. Sockeye salmon landings were 208.2 million pounds valued at $159.6 million—a decrease of 36.2 million pounds (15 percent) and $73.7 million (32 percent) compared with 1999. Chinook salmon landings increased to 16.1 million pounds—up 823,000 pounds (5 percent) from 1999. Pink salmon landings were 208.2 million pounds—a decrease of 173.9 million (46 percent); chum salmon landings were 162.3 million—an increase of 18.4 million (13 percent); and coho salmon increased to 33.8 million—an increase of 4.6 million pounds (16 percent) compared with 1999.

Alaska landings were 606.7 million pounds valued at $246.6 million—a decrease of 195.0 million pounds (24 percent) and $101.1 million (29 percent) compared with 1999. The distribution of Alaska salmon landings by species in 2000 was: pink, 208.2 million pounds (33 percent); sockeye, 204.9 million pounds (33 percent); chum, 159.3 million pounds (25 percent); coho, 29.1 million pounds (5 percent); and chinook, 5.2 million pounds (1 percent). The average price per pound for all species in Alaska was 41 cents in 2000—a decrease of 2 cents from 1999.

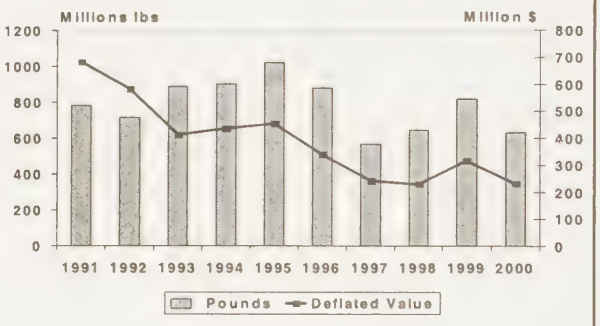
Washington salmon landings were 12.2 million pounds valued at $9.1 million—an increase of 5.2 million pounds (74 percent), and $4.6 million (102 percent) compared with 1999. The biennial fishery for pink salmon went from 203,000 pounds in 1999 to 2,000 pounds in 2000. Washington landings of coho salmon were 3.7 million pounds (up 115 percent); followed by sockeye, 3.2 million pounds (up 2,532 percent); chum 3.1 million pounds (up 20 percent); and chinook salmon 2.3 million pounds (down 8 percent). The average exvessel price per pound for all species in Washington increased from 65 cents in 1999 to 75 cents in 2000.

Oregon salmon landings were 3.1 million pounds valued at $4.0 million—an increase of 1.6 million pounds (102 percent) and $2.0 million (98 percent) compared with 1999. Chinook salmon landings were 2.1 million pounds valued at $3.4 million; coho landings were 1.0 million pounds valued at $586,000;. chum landings were 4,000 pounds valued at $1,000; and sockeye landings were only 1,000 pounds valued at $2,000. The average exvessel price per pound for chinook salmon in Oregon increased from $1.53 in 1999 to $1.65 in 2000.

California salmon landings were 5.8 million pounds valued at $10.2 million — an increase of 1.4 million pounds (32 percent) and $2.7 million (37 percent) compared with 1999. Only landings of chinook and coho salmon were reported for the State. The average exvessel price per pound paid to fishermen in 2000 was $1.74 compared with $1.68 in 1999.

Trend in Commercial Landings, 1991 - 2000

Pacific Salmon



SABLEFISH

U.S. commercial landings of sablefish were 49.7 million pounds valued at $101.2 million—an increase of 1.4 million pounds (3 percent) and $4.0 million (4 percent) compared with 1999. Landings increased in Alaska to 35.6 million pounds–an increase of 7 percent compared with 1999. Landings decreased in Washington to 3.8 million pounds (down 7 percent) but increased in value to $6.6 (up 15 percent). The 2000 Oregon catch was 6.2 million pounds (down 5 percent), but increased in value to $9.2 million (up 19 percent) compared with 1999. California landings of 4.1 million pounds and $5.2 million represent a 5 percent decrease in quantity and a 21 percent increase in value from 1999. The average exvessel price per pound in 2000 was $2.04 compared with $2.01 in 1999.

TUNA

Landings of tuna by U.S. fishermen at ports in United States, American Samoa, other U.S. territories, and foreign ports were 336.7 million pounds valued at $180.0 million—a decrease of 143.7 million pounds (30 percent), and a decrease of $40.8 million (18 percent) compared with 1999. The average exvessel price per pound of all species of tuna in 2000 was 53 cents compared with 46 cents in 1999.

Bigeye landings in 2000 were 12.6 million pounds—a decrease of 2.6 million pounds (17 percent) compared with 1999. The average exvessel price per pound was $2.15 in 2000 compared with $1.82 in 1999.

Skipjack landings were 214.8 million pounds—a decrease of 118.8 million pounds (36 percent) compared with 1999. The average exvessel price per pound was 25 cents in 2000, compared to 31 cents in 1999.

Yellowfin landings were 75.6 million pounds—a decrease of 20.6 million pounds (21 percent) compared with 1999. The average exvessel price per pound was 70 cents in 2000 compared with 50 cents in 1999.

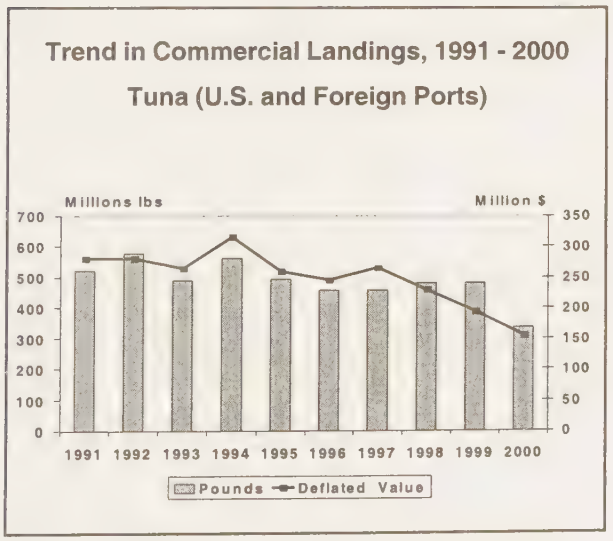
Bluefin landings were 3.2 million pounds—an increase of 478,000 pounds (18 percent) compared with 2000. The average exvessel price per pound in 2000 was $5.98 compared with $5.79 in 1999.

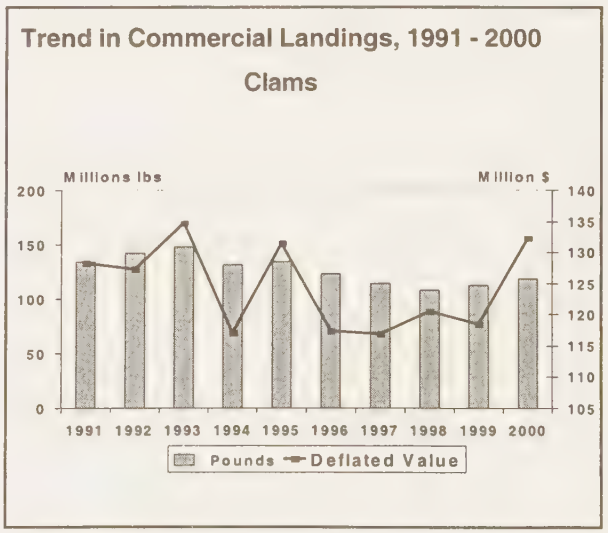
CLAMS

Landings of all species yielded 118.5 million pounds of meats valued at $154.0 million—an increase of 6.3 million pounds (6 percent), and $18.9 million (14 percent) in value compared with 1999. The average exvessel price per pound in 2000 was $1.30 compared with $1.20 in 1999.

Surf clams yielded 68.5 million pounds of meats valued at $38.0 million—an increase of 9.7 million pounds (17 percent) and $7.6 million (25 percent) compared with 1999. New Jersey was the leading state with 58.0 million pounds (up 18 percent), followed by New York, 5.6 million pounds (up 14 percent) and Maryland, 4.2 million pounds (up 12 percent) compared with 1999. The average exvessel price per pound of meats was 53 cents in 2000, up 3 cents from 1999.

The ocean quahog fishery produced 32.8 million pounds of meats valued at $17.0 million—a decrease of 5.9 million pounds (15 percent) and $1.6 million (8 percent) compared with 1999. New Jersey had landings of 14.8 million pounds (down 12 percent) valued at $6.4 million (down 11 percent) while Massachusetts production was 12.4 million pounds (down 25 percent) valued at $5.2 million (down 24 percent). Together, New Jersey and Massachusetts accounted for 83 percent of total ocean





quahog production in 2000. The average exvr pound of meats increased from 48 cents in 1999 to 52 cents in 1999.

The hard clam fishery produced 11.2 million pounds of meats valued at $53.8 million—an increase of 2.8 million pounds (33 percent) and $9.0 million (20 percent) compared with 1999. Landings in the New England region were 5.4 million pounds of meats (up 125 percent); Middle Atlantic, 4.0 million pounds (down 12 percent); Chesapeake, 513,000 pounds (down 23 percent); and the South Atlantic region, 1.2 million pounds (up 70 percent). The average exvessel price per pound of meats decreased from $5.34 in 1999 to $4.81 in 1999.

Soft clams yielded 2.7 million pounds of meats valued at $11.6 million—an increase of 25,000 pounds (1 percent), but a decrease of $793,000 (6 percent) compared with 1999. Maine was the leading state with 2.3 million pounds of meats (up 1 percent), followed by New York with 181,000 pounds (down 21 percent), and Maryland with 169,000 pounds (up 48 percent). The average exvessel price per pound of meats was $4.33 in 2000, compared with $4.67 in 1999.

CRABS

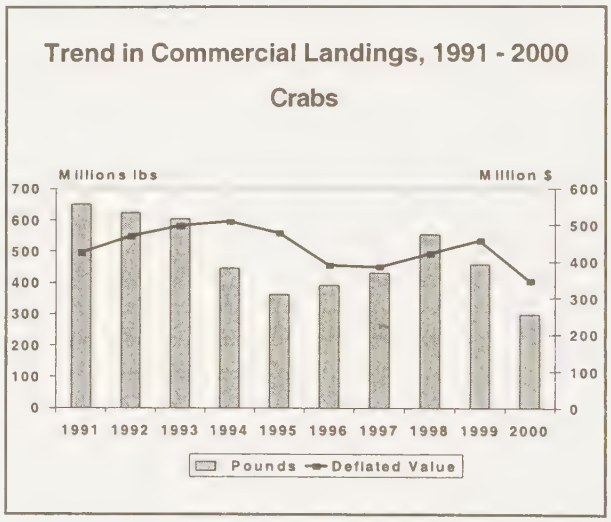
Landings of all species of crabs were 299.0 million pounds valued at $405.0 million—a decrease of 159.3 million pounds (35 percent), and $116.2 million (22 percent) compared with 1999.

Hard blue crab landings were 177.2 million pounds valued at $135.6 million—a decrease of 19.3 million pounds (10 percent), and $14.8 million (10 percent) compared with 1999. Louisiana landed 29 percent of the total U.S. landings followed by: North Carolina, 22 percent; Virginia, 15 percent; and Maryland, 12 percent. Hard blue crab landings in the Chesapeake region were 48.2 million pounds—a decrease of 24 percent; the South Atlantic with 53.5 million pounds decreased 25 percent; and the Gulf region with 66.7 million pounds increased 29 percent. The Middle Atlantic region with 8.9 million pounds valued at $9.8 million had a decrease of 1.4 million pounds (13 percent) compared with 1999. The average exvessel price per pound of hard blue crabs was 77 cents in 2000, unchanged from the price reported in 1999.

Dungeness crab landings were 37.7 million pounds valued at $79.0 million—an increase of 2.3 million pounds (6 percent) and $7.9 million (11 percent) compared with 1999. Washington landings of 17.6 million pounds (up 66 percent) led all states with 47 percent of the total landings. Oregon landings were 11.0 million pounds (down 11 percent) or 29 percent of the total landings. California landings were 6.4 million pounds (down 26 percent) and Alaska landings were 2.8 million pounds (down 29 percent) compared with 1999. The average exvessel price per pound was $2.09 in 2000 compared with $2.01 in 1999.

U.S. landings of king crab were 15.1 million pounds valued at $61.6 million—a decrease of 1.8 million pounds (11 percent), and a decrease of $26.4 million (30 percent) compared with 1999. The average exvessel price per pound in 2000 was $4.08 compared with $5.21 in 1999.

Snow and Tanner crab landings were 34.5 million pounds valued at $64.5 million—a decrease of 147.7 million pounds (81 percent), and a decrease of $101.2 million (61 percent) compared with 1999. A biological survey of snow (Opilio) crabs indicated a significant decline (63 percent) in biomass of large males. In



response, the snow crab season in Alaska's Bering Sea was open for only 7 days in April of 2000. During this limited open season, 240 vessels caught about 32.8 million pounds of snow crabs valued at $60.5 million. The average exvessel price per pound was $1.87 cents in 2000, up from 91 cents in 1999.

LOBSTER, AMERICAN

American lobster landings were 83.2 million pounds valued at $301.3 million—a decrease of 4.3 million pounds (5 percent) and $21.7 million (7 percent) compared with 1999. Maine led in landings for the 19th consecutive year with 57.2 million pounds valued at

$187.7 million—an increase of 3.7 million pounds (7 percent) compared with 1999. Massachusetts, the second leading producer, had landings of 14.6 million pounds valued at $67.4 million—a decrease of 920,000 pounds (6 percent) compared with 1999. Together, Maine and Massachusetts produced 86 percent of the total national landings. The average exvessel price per pound was $3.62 in 2000, compared with $3.69 in 1999.

LOBSTERS, SPINY

U.S. landings of spiny lobster were 6.5 million pounds valued at $32.9 million–a decrease of 231,000 pounds (3 percent) but an increase of $3.2 million (11 percent) compared with 1999. Florida, with landings of 5.7 million pounds valued at $27.6 million, accounted for 88 percent of the total catch and 84 percent of the value. This was a decrease of 394,000 pounds (7 percent), but an increase of $2.5 million (10 percent) compared with 1999. Overall the average exvessel price per pound was $5.09 in 2000 compared with $4.45 in 1999.

OYSTERS

U.S. oyster landings yielded 41.1 million pounds of meats valued at $90.7 million—an increase of 14.2 million pounds (52 percent) and $18.0 million (25 percent) compared with 1999. The Gulf region led in production with 27.5 million pounds of meats, 67 percent of the national total; followed by the Pacific region with 9.5 million pounds (23 percent), principally Washington, with 8.3 million pounds (87 percent of the region's total volume); and the Chesapeake region with 2.5 million pounds (6 percent). The average exvessel price per pound of meats was $2.20 in 2000 compared with $2.69 in 1999.

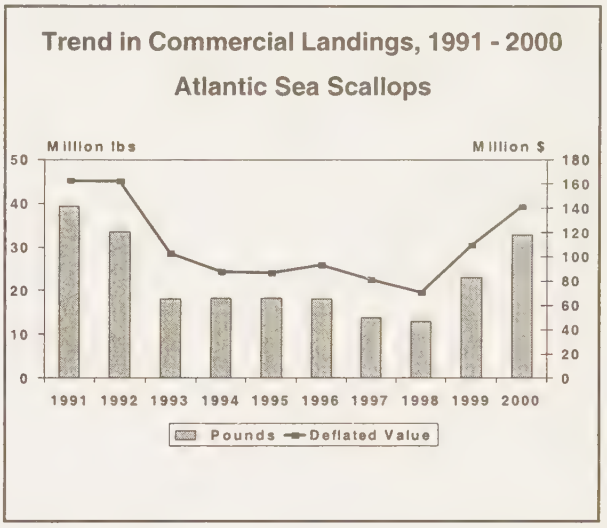
SCALLOPS

U.S. landings of bay and sea scallops totaled 32.8 million pounds of meats valued at $164.7 million—an increase of 9.8 million pounds (42 percent) and $39.3 million (31 percent) compared with 1999. The average exvessel price per pound of meats decreased from $5.44 in 1999 to $5.02 in 2000.

Bay scallop landings were 25,000 pounds of meats valued at $130,000—a decrease of 10,000 pounds (29 percent) and $51,000 (28 percent) compared with 1999. The average exvessel price per pound of meats was $5.20 in 2000 compared with $5.17 in 1999.

Calico scallops landings in 2000 were confidential and cannot be publically released.

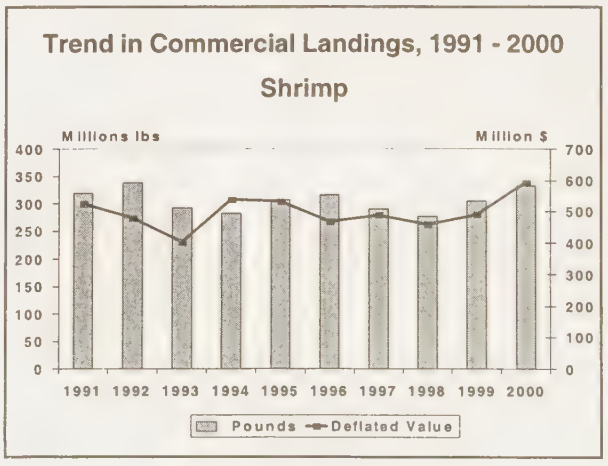
Sea scallop landings were 32.7 million pounds of meats valued at $164.6 million—an increase of 9.7 million pounds (42 percent) and $39.3 million (31 percent)



compared with 1999. Massachusetts and Virginia were the leading states in landings of sea scallops with 16.2 and 9.2 million pounds of meats, respectively, representing 77 percent of the national total. The average exvessel price per pound of meats in 2000 was $5.03 compared with $5.44 in 1999.

SHRIMP

U.S. landings of shrimp were 332.5 million pounds valued at 690.5 million—an increase of 28.3 million pounds (9 percent) and $130.0 million (23 percent) in value compared with 1999. Shrimp landings increased in



all regions: New England up 41 percent; South Atlantic up 7 percent; Gulf up 9 percent and Pacific up 13 percent. The average exvessel price per pound of shrimp increased to $2.08 in 2000 compared with $1.84 in 1999. Gulf region landings were the nation's largest with 256.6 million pounds and 77 percent of the national total. Louisiana led all Gulf states with 133.4 million pounds (up 12 percent); followed by Texas, 73.8 million pounds (up 5 percent); Alabama, 19.9 million pounds (up 13 percent); Mississippi, 14.8 million pounds (up 2 percent); and Florida (West Coast), 14.8 million pounds (down 5 percent). In the Pacific region, Oregon had landings of 25.6 million pounds (up 25 percent); Washington had landings of 5.4 million pounds (up 31 percent); and California had 4.8 million pounds (down 26 percent); compared with 1999.

SQUID

U.S. commercial landings of squid were 317.0 million pounds valued at $55.0 million—an increase of 88.8 million pounds (23 percent) but a decrease of $16.1 million (23 percent) compared with 1999. California was the leading state with 259.5 million pounds (82 percent) and was followed by Rhode Island with 26.1 million pounds (8 percent of the national total). The Pacific region landings were 259.5 million pounds (up 30 percent); followed by New England, 30.1 million (down 11 percent); Middle Atlantic, 26.5 million pounds (up 17 percent); and the Chesapeake region with 683,000 pounds (down 27 percent) compared with 1999. The average exvessel price per pound for squid was 17 cents in 2000 compared with 28 cents in 1999.

U.S. DOMESTIC LANDINGS, BY SPECIES, 1999 AND 2000 (1)

Species	1999			2000			Average (1995-1999)
Fish	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds
Alewives	1,502	681	332	642	291	171	1,160
Anchovies	11,736	5,323	1,359	25,324	11,487	1,129	8,925
Atka mackerel	113,396	51,436	5,670	98,308	44,592	8,848	140,097
Bluefish	7,405	3,359	2,673	8,072	3,661	2,796	8,549
Blue runner	397	180	230	288	131	183	558
Bonito	374	170	216	202	92	143	1,185
Butterfish	6,090	2,762	3,068	4,677	2,121	1,922	7,087
Catfish and bullheads	20,359	9,235	8,799	16,670	7,561	9,708	13,553
Chubs	3,362	1,525	1,468	2,167	983	1,646	3,761
Cod:							
Atlantic	21,445	9,727	23,943	25,060	11,367	26,384	27,126
Pacific	523,987	237,679	83,227	530,505	240,635	142,330	587,601
Crevalle (jack)	711	323	409	700	318	402	560
Croaker:							
Atlantic	26,853	12,180	7,667	26,760	12,138	10,093	23,015
Pacific (white)	163	74	131	231	105	156	354
Cusk	508	230	384	415	188	266	999
Dolphinfish	1,262	572	1,930	1,193	541	1,591	1,661
Eels, American	1,080	490	1,644	1,432	650	1,110	953
Flounders:							
Arrowtooth	26,541	12,039	1,458	41,305	18,736	2,007	18,675
Winter (blackback)	10,260	4,654	12,987	12,826	5,818	12,685	11,115
Plaice, American	6,909	3,134	8,536	9,288	4,213	9,539	8,705
Summer (fluke)	10,663	4,837	19,480	11,214	5,087	19,947	13,401
Sole:							
Dover	23,276	10,558	7,056	20,750	9,412	6,968	24,171
Flathead	31,566	14,318	465	35,859	16,266	1,756	29,337
Witch (gray)	4,682	2,124	6,610	5,376	2,439	6,999	4,427
Petrale	3,262	1,480	3,106	4,124	1,871	4,184	3,587
Rock	37,900	17,191	772	60,665	27,517	7,521	51,285
Yellowfin	125,287	56,830	2,507	154,258	69,971	6,672	213,736
Yellowtail	9,768	4,431	11,376	15,272	6,927	15,352	6,718
Atlantic/Gulf, Other	4,189	1,900	6,988	4,702	2,133	7,305	3,726
Pacific, Other	36,915	16,745	8,605	37,084	16,821	8,975	61,199
Total, flounders	**331,218**	**150,239**	**89,946**	**412,723**	**187,210**	**109,910**	**438,979**
Goosefish (anglerfish)	55,215	25,045	46,328	45,869	20,806	53,504	56,549
Groupers	12,687	5,755	26,165	12,924	5,862	27,771	10,665
Haddock	6,937	3,147	9,120	8,823	4,002	11,575	3,728
Hakes:							
Pacific (whiting)	478,154	216,889	18,593	452,718	205,352	18,809	460,029
Red	3,431	1,556	919	3,463	1,571	892	3,052
Silver (Atl.whiting)	30,977	14,051	14,282	26,855	12,181	11,370	33,433
White	5,805	2,633	4,302	6,629	3,007	3,809	6,529
Halibut	80,330	36,437	124,696	75,190	34,106	143,826	63,469
Herring:							
Sea:							
Atlantic	175,478	79,596	11,082	160,269	72,698	9,972	182,103
Pacific	91,059	41,304	14,989	74,835	33,945	12,043	111,626
Thread	3,461	1,570	386	6,737	3,056	466	9,387
Jack mackerel	2,461	1,116	199	2,902	1,316	247	3,479

See notes at end of table.

(Continued)

U.S. DOMESTIC LANDINGS, BY SPECIES, 1999 AND 2000 (1) - Continued

Species	1999			2000			Average (1995-1999)
Fish - Continued:	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds
Lingcod	1,392	631	1,007	379	172	381	3,144
Mackerels:							
Atlantic	26,560	12,048	3,572	12,454	5,649	2,018	28,323
Chub	19,217	8,717	1,082	47,065	21,349	2,826	29,154
King and cero	5,313	2,410	6,929	4,952	2,246	7,063	5,028
Spanish	3,004	1,363	1,925	3,636	1,649	2,076	3,652
Menhaden:							
Atlantic	458,556	208,000	34,564	456,623	207,123	31,733	640,433
Gulf	1,530,525	694,242	78,518	1,303,875	591,434	80,670	1,224,566
Total, menhaden	**1,989,081**	**902,241**	**113,082**	**1,760,498**	**798,557**	**112,403**	**1,864,998**
Mullets	15,336	6,956	8,486	20,554	9,323	13,652	18,434
Ocean perch:							
Atlantic	778	353	420	702	318	375	744
Pacific	45,402	20,594	3,640	39,521	17,927	2,597	41,991
Pollock:							
Atlantic	10,129	4,594	8,440	8,913	4,043	7,028	9,098
Walleye (Alaska)	2,325,889	1,055,016	162,812	2,606,802	1,182,438	160,525	2,606,110
Rockfishes:							
Bocaccio	434	197	198	60	27	43	1,115
Canary	1,702	772	813	134	61	78	2,460
Chilipepper	2,025	919	941	980	445	596	2,970
Widow	9,353	4,242	3,580	7,947	3,605	3,791	12,412
Yellowtail	7,646	3,468	2,937	6,988	3,170	3,138	7,212
Other	42,063	19,080	21,967	33,935	15,393	15,739	71,328
Total, rockfishes	**63,223**	**28,678**	**30,436**	**50,044**	**22,700**	**23,385**	**145,050**
Sablefish	48,255	21,888	97,148	49,680	22,535	101,161	54,106
Salmon:							
Chinook or king	15,276	6,929	25,524	16,099	7,302	26,194	19,695
Chum or keta	143,949	65,295	25,739	162,332	73,633	39,238	165,553
Pink	382,091	173,315	52,431	208,201	94,439	27,094	339,234
Red or sockeye	244,349	110,836	233,308	208,162	94,422	159,604	246,737
Silver or coho	29,231	13,259	22,783	33,841	15,350	18,083	37,073
Total, salmon	**814,896**	**369,634**	**359,785**	**628,635**	**285,147**	**270,213**	**808,291**
Sardines:							
Pacific	132,153	59,944	5,263	149,666	67,888	7,319	97,139
Spanish	1,181	536	191	1,355	615	84	1,013
Scup or porgy	3,879	1,760	4,783	3,018	1,369	3,670	5,725
Sea bass:							
Black (Atlantic)	3,786	1,717	6,077	3,343	1,516	5,657	3,578
White (Pacific)	247	112	410	223	101	425	128
Sea trout or weakfish:							
Gray	6,935	3,146	4,188	5,375	2,438	3,589	7,337
Spotted	871	395	1,164	572	259	775	1,065
Sand (white)	210	95	108	164	74	125	173
Shads:							
American	2,635	1,195	1,148	2,974	1,349	1,302	3,299
Hickory	137	62	30	111	50	23	136
Sharks:							
Dogfish	36,712	16,652	5,951	23,680	10,741	4,853	50,098
Other	14,711	6,673	6,625	11,333	5,141	6,303	14,922
Sheepshead (Atlantic)	2,609	1,183	989	3,369	1,528	1,061	3,363

See notes at end of table.

(Continued)

U.S. DOMESTIC LANDINGS, BY SPECIES, 1999 AND 2000 (1) - Continued

Species	1999			2000			Average (1995-1999)
Fish - Continued:	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds
Skates	31,381	14,234	3,690	33,184	15,052	4,431	28,425
Smelts	1,702	772	913	1,893	859	2,298	2,215
Snappers:							
Red	4,722	2,142	10,492	5,084	2,306	12,003	4,441
Vermilion	1,614	732	3,474	2,009	911	4,394	1,434
Unclassified	3,991	1,810	7,712	3,584	1,626	7,183	4,526
Spearfish	473	215	397	271	123	328	1,475
Spot	5,729	2,599	2,191	6,925	3,141	3,684	6,660
Striped bass	6,625	3,005	10,987	6,913	3,136	12,286	5,570
Swordfish	16,022	7,268	33,436	17,805	8,076	37,981	14,125
Tenpounder (ladyfish)	4,337	1,967	1,997	266	121	139	2,697
Tilefish	2,070	939	4,040	2,605	1,182	4,852	3,232
Trout, rainbow	180	82	101	321	146	224	400
Tuna:							
Albacore	25,274	11,464	21,932	22,455	10,185	20,630	27,758
Bigeye	7,978	3,619	25,428	7,245	3,286	24,862	7,356
Bluefin	2,689	1,220	15,573	3,167	1,436	18,954	6,435
Little (tunny)	1,132	513	626	484	220	113	664
Skipjack	10,322	4,682	5,221	3,378	1,532	2,551	14,376
Yellowfin	10,286	4,666	17,076	13,781	6,251	27,651	17,936
Unclassified	439	199	398	268	122	416	531
Total, tuna	**58,120**	**26,363**	**86,254**	**50,779**	**23,033**	**95,176**	**75,055**
Whitefish, lake	11,802	5,353	9,982	11,461	5,199	10,095	12,106
Wolffish, Atlantic	568	258	242	442	200	218	745
Yellow perch	1,184	537	2,584	1,249	567	2,929	1,620
Other marine finfishes	47,649	21,613	32,769	58,705	26,628	37,109	63,838
Other freshwater finfishes	21,315	9,668	7,183	14,564	6,606	5,524	16,226
Total, fish	**7,811,868**	**3,543,440**	**1,558,292**	**7,689,661**	**3,488,007**	**1,594,815**	--
Shellfish							
Clams:							
Quahog (hard)	8,396	3,808	44,798	11,205	5,083	53,841	10,220
Geoduck (Pacific)	1,498	679	15,437	1,560	708	15,841	1,341
Manila (Pacific)	693	314	4,529	829	376	11,808	689
Ocean quahog	38,705	17,556	18,535	32,845	14,898	16,979	43,602
Softshell	2,655	1,204	12,397	2,680	1,216	11,604	2,480
Surf (Atlantic)	58,829	26,685	30,431	68,548	31,093	38,025	59,524
Other	1,454	660	8,897	815	370	5,875	1,322
Total, clams	**112,230**	**50,907**	**135,024**	**118,482**	**53,743**	**153,973**	**118,367**
Conch (snails)	3,329	1,510	3,991	2,086	946	3,649	3,818
Crabs:							
Blue: Hard	196,521	89,141	150,482	177,231	80,391	135,637	213,154
Soft and peeler	5,973	2,709	20,800	6,640	3,012	23,145	4,385
Dungeness	35,449	16,080	71,111	37,719	17,109	79,007	44,136
Jonah	3,414	1,549	1,651	2,455	1,114	1,479	1,859
King	16,920	7,675	88,075	15,098	6,848	61,641	18,948

See notes at end of table.

(Continued)

U.S. DOMESTIC LANDINGS, BY SPECIES, 1999 AND 2000 (1) - Continued

Species	1999			2000			Average (1995-1999)
Shellfish - Continued	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds
Crabs - Continued:							
Snow (Tanner):							
Opilio	182,997	83,007	161,037	32,811	14,883	60,535	137,526
Bairdi	2,165	982	4,746	1,686	765	4,019	3,361
Other	14,868	6,744	23,335	25,366	11,506	39,543	15,957
Total, crabs	**458,307**	**207,887**	**521,237**	**299,006**	**135,628**	**405,006**	**439,284**
Crawfish (freshwater)	11,734	5,323	8,237	479	217	743	17,047
Horseshoe crab	5,286	2,398	1,474	3,737	1,695	923	4,753
Lobsters:							
American	87,469	39,676	322,957	83,180	37,730	301,300	77,816
Spiny	6,692	3,035	29,754	6,463	2,932	32,926	7,060
Mussels, blue (sea)	1,981	899	1,046	3,264	1,481	5,083	4,351
Oysters	26,983	12,239	72,658	41,146	18,664	90,667	35,205
Scallops:							
Bay	35	16	181	25	11	130	100
Calico, Atlantic	4,105	1,862	3,880	(3)	(3)	(3)	--
Sea	23,038	10,450	125,289	32,747	14,854	164,609	17,272
Shrimp:							
New England	3,812	1,729	3,579	5,361	2,432	4,335	12,255
South Atlantic	30,197	13,697	68,585	32,288	14,646	77,735	31,923
Gulf	236,476	107,265	464,178	256,633	116,408	582,052	222,067
Pacific	33,669	15,272	24,041	38,203	17,329	26,325	32,898
Other	19	9	118	1	(2)	6	67
Total, shrimp	**304,173**	**137,972**	**560,501**	**332,486**	**150,815**	**690,453**	**299,187**
Squid:							
Atlantic:							
Illex	16,169	7,334	3,852	19,867	9,012	3,736	33,049
Loligo	41,335	18,749	32,176	37,351	16,942	24,062	37,569
Unclassified	806	366	190	302	137	158	67,085
Pacific:							
Loligo	199,874	90,662	34,949	259,506	117,711	27,076	120,731
Unclassified	14	6	5	2	1	1	94
Total, Squid	**258,198**	**117,118**	**71,172**	**317,028**	**143,803**	**55,033**	**120,825**
Other shellfish	14,616	6,628	9,720	15,132	6,864	14,204	11,351
Total, Shellfish	**1,318,176**	**597,921**	**1,867,121**	**1,255,261**	**569,383**	**1,918,699**	**--**
Other							
Sea urchins	33,550	15,218	35,647	30,896	14,014	33,590	42,313
Seaweed, unclassified	174,162	78,999	525	92,531	41,972	163	96,446
Kelp (with herring eggs)	521	236	1,543	191	87	77	449
Worms	757	343	3,956	445	202	2,137	636
Total, other	**208,990**	**94,797**	**41,671**	**124,063**	**56,275**	**35,967**	**--**
Grand Total, U.S.	**9,339,034**	**4,236,158**	**3,467,084**	**9,068,985**	**4,113,664**	**3,549,481**	--

(1) Landings are reported in round (live) weight for all items except univalve and bivalve mollusks such as clams, oysters, and scallops, which are reported in weight of meats (excluding the shell). Landings for Missisippi River drainage are not available.
(2) Less than $500.
(3) Data are confidential and included with unclassified shellfish.

Note:—Data are preliminary. Totals may not add due to rounding. Total U.S. Domestic landings include Alaska pollock, Pacific whiting and other Pacific groundfish that are caught in the U.S. EEZ off Washington, Oregon and Alaska and processed at-sea aboard U.S. vessels. Data do not include landings by U.S.-flag vessels at Puerto Rico or other ports outside the 50 States. Data do not include aquaculture products, except oysters and clams.

DISPOSITION OF U.S. DOMESTIC LANDINGS, 1999 AND 2000

End Use	1999		2000	
	Million pounds	Percent	Million pounds	Percent
Fresh and frozen:				
For human food	6,046	64.7	6,293	69.4
For bait and animal food	370	4.0	364	4.0
Total	**6.416**	**68.7**	**6.657**	**73.4**
Canned:				
For human food	653	7.0	500	5.5
For bait and animal food	59	0.6	30	0.3
Total	**712**	**7.6**	**530**	**5.8**
Cured for human food	133	1.4	119	1.3
Reduction to meal, oil, other	2,078	22.3	1,763	19.4
Grand total	**9,339**	**100.0**	**9,069**	**100.0**

NOTE:--Data are preliminary. Table may not add due to rounding.

DISPOSITION OF U.S. DOMESTIC LANDINGS, BY MONTH, 2000

Month	Landings for human food		Landings for industrial purposes (1)		Total	
	Million pounds	Percent	Million pounds	Percent	Million pounds	Percent
January	339	4.9	47	2.2	386	4.3
February	870	12.6	29	1.4	900	9.9
March	721	10.4	23	1.1	745	8.2
April	347	5.0	138	6.4	485	5.4
May	387	5.6	201	9.3	587	6.5
June	457	6.6	294	13.6	751	8.3
July	778	11.3	404	18.7	1,182	13.0
August	1,067	15.4	378	17.5	1,445	15.9
September	957	13.8	240	11.1	1,197	13.2
October	571	8.3	227	10.5	798	8.8
November	244	3.5	119	5.5	363	4.0
December	173	2.5	57	2.7	231	2.5
Total	**6,912**	**100.0**	**2,157**	**100.0**	**9,069**	**100.0**

(1) Processed into meal, oil, solubles, and shell products, or used as bait and animal food.

U.S. COMMERCIAL LANDINGS OF FISH AND SHELLFISH, 1991-2000 (1)

Year	Landings for human food		Landings for industrial purposes (2)		Total	
	Million pounds	Million dollars	Millions pounds	Million dollars	Millions pounds	Million dollars
1991	7,031	3,169	2,453	139	9,484	3,308
1992	7,618	3,531	2,019	147	9,637	3,678
1993	*8,214	3,317	2,253	154	10,467	3,471
1994	7,936	3,714	2,525	95	10,461	3,809
1995	7,667	3,625	2,121	145	9,788	3,770
1996	7,474	3,355	2,091	132	9,565	3,487
1997	7,244	3,285	2,598	163	9,842	3,448
1998	7,173	3,009	2,021	119	9,194	3,128
1999	6,832	3,265	2,507	202	9,339	3,467
2000	6,912	3,398	2,157	152	9,069	3,550

(1) Statistics on landings are shown in round weight for all items except univalve and bivalve mollusks such as clams, oysters, and scallops, which are shown in weight of meats (excluding the shell).
(2) Processed into meal, oil, solubles, and shell products, or used as bait or animal food.

*Record. Record—For industrial purposes 1983, 3,201 million lb.

NOTE:—Data are preliminary. Data do not include landings outside the 50 States or products of aquaculture, except oysters and clams.

U.S. DOMESTIC LANDINGS, BY REGION AND BY STATE, 1999 AND 2000 (1)

Regions and States	1999		2000		Record Landings	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars	Year	Thousand pounds
New England:	**583,863**	**655,377**	**570,728**	**681,092**	-	-
Maine	229,633	265,236	226,849	275,107	1950	356,266
New Hampshire	11,258	12,542	17,160	13,951	-	(2)
Massachusetts	198,336	260,239	187,861	288,263	1948	649,696
Rhode Island	126,206	79,270	119,295	72,544	1957	142,080
Connecticut	18,430	38,090	19,563	31,227	1930	88,012
Middle Atlantic:	**225,278**	**180,673**	**219,661**	**173,296**	-	-
New York	48,175	76,049	41,181	59,426	1880	335,000
New Jersey	168,676	97,731	171,804	107,163	1956	540,060
Delaware	8,427	6,893	6,676	6,707	1953	367,500
Chesapeake:	**527,407**	**172,012**	**492,110**	**172,210**	-	-
Maryland	67,118	63,759	48,913	53,874	1890	141,607
Virginia	460,289	108,253	443,197	118,336	1990	786,794
South Atlantic:	**230,971**	**198,347**	**221,350**	**204,480**	-	-
North Carolina	154,869	97,304	155,214	95,305	1981	432,006
South Carolina	17,773	29,265	15,835	30,344	1965	26,611
Georgia	11,234	21,100	9,694	21,331	1927	47,607
Florida, East Coast	47,095	50,678	40,607	57,500	-	(2)
Gulf:	**1,945,063**	**757,857**	**1,759,993**	**910,685**	-	-
Florida, West Coast	83,792	146,976	79,415	155,200	-	(2)
Alabama	27,399	50,415	29,931	63,275	1973	36,744
Mississippi	267,546	48,526	217,744	58,715	1985	439,518
Louisiana	1,480,045	302,735	1,344,913	401,095	1984	1,931,027
Texas	86,281	209,205	87,990	232,400	1960	237,684
Pacific Coast:	**5,765,700**	**1,422,258**	**5,750,364**	**1,320,763**	-	-
Alaska	4,492,649	1,105,946	4,465,987	956,990	1993	5,905,638
Washington	392,555	98,471	380,223	145,311	1994	527,804
Oregon	233,177	67,590	262,917	79,351	1992	256,912
California	647,319	150,251	641,237	139,111	1936	1,760,193
Great Lakes:	**23,843**	**16,009**	**22,245**	**18,508**	-	-
Illinois	86	50	49	35	-	(2)
Indiana	.	.	.	.	-	(2)
Michigan	13,546	9,339	12,704	8,963	1930	35,580
Minnesota	443	197	377	172	-	(2)
New York	1	2	49	75	-	
Ohio	3,932	2,186	3,497	2,442	1936	31,083
Pennsylvania	32	43	20	29	-	(2)
Wisconsin	5,803	4,192	5,549	6,792	-	(2)
Hawaii	**36,907**	**64,557**	**32,531**	**68,447**	1999	36,907
Total, United States	**9,339,032**	**3,467,090**	**9,068,982**	**3,549,481**	---	---

(1) Landings are reported in round (live) weight for all items except univalve and bivalve mollusks such as clams, oysters, scallops, which are reported in weight of meats (excluding the shell). Landings for Mississippi River drainage area States are not available.
2) Data not available.
NOTE:—Data are preliminary. Landings of Alaska pollock, Pacific whiting, and other Pacific groundfish that are caught in waters off Washington, Oregon and Alaska and are processed at-sea aboard U.S. vessels are credited to the State nearest to the area of capture. Totals may not add due to roundings. Data do not include landings by U.S.-flag vessels at Puerto Rico and other ports outside the 50 States. Therefore, they will not agree with "U.S. Commercial Landings" beginning on page 8. Data do not include aquaculture products, except oysters and clams.

COMMERCIAL FISHERY LANDINGS AND VALUE AT MAJOR U.S. PORTS, 1999-2000

Port	Quantity		Port	Value	
	1999	2000		1999	2000
	Million pounds			Million dollars	
Dutch Harbor-Unalaska, AK	678.3	699.8	New Bedford, MA	129.9	146.3
Cameron, LA	406.0	414.5	Dutch Harbor-Unalaska, AK	140.8	124.9
Empire-Venice, LA	435.0	396.2	Kodiak, AK	100.8	94.7
Reedville, VA	378.6	366.8	Dulac-Chauvin, LA	49.0	68.1
Intercoastal City, LA	369.0	321.7	Empire-Venice, LA	64.0	61.6
Kodiak, AK	331.6	289.6	Honolulu, HI	52.1	56.0
Los Angeles, CA	194.7	252.5	Hampton Roads Area, VA	39.1	52.8
Pascagoula-Moss Point, MS	250.5	199.9	Key West, FL	51.9	50.6
Port Hueneme-Oxnard-Ventura, CA	155.9	161.7	Port Arthur, TX	22.4	49.3
Astoria, OR	118.2	130.1	Bayou La Batre, AL	40.0	48.9
Newport, OR	92.4	102.3	Cameron, LA	36.0	47.6
Sitka, AK	36.2	95.5	Portland, ME	42.4	45.4
New Bedford, MA	86.1	89.0	Golden Meadow-Leeville, LA	29.0	44.9
Beaufort-Morehead City, NC	57.0	68.4	Sitka, AK	32.6	44.6
Naknek-King Salmon, AK	62.3	63.1	Palacios, TX	35.9	41.8
Portland, ME	55.6	62.8	Point Judith, RI	51.2	41.4
Cape May-Wildwood, NJ	64.0	59.9	Brownsville-Port Isabel, TX	65.2	40.8
Point Judith, RI	72.5	59.3	Galveston, TX	33.1	40.8
Ketchikan, AK	159.4	57.3	Los Angeles, CA	36.1	38.0
Atlantic City, NJ	41.2	50.4	Naknek-King Salmon, AK	46.5	37.3
Moss Landing, CA	40.7	50.0	Seward, AK	41.5	35.8
Dulac-Chauvin, LA	42.0	48.2	Gulfport-Biloxi, MS	27.9	35.5
Gloucester, MA	49.7	40.1	Homer, AK	34.6	30.9
Point Pleasant, NJ	33.4	38.2	Delcambre, LA	25.0	30.8
Westport, WA	25.6	37.5	Gloucester, MA	25.9	30.0
Wanchese-Stumpy Point, NC	33.6	33.3	Reedville, VA	32.4	29.5
Petersburg, AK	99.2	32.3	Cape May-Wildwood, NJ	26.6	28.6
Seward, AK	41.8	28.6	Astoria, OR	23.1	28.0
Rockland, ME	35.8	28.3	Grand Isle, LA	12.0	26.4
Honolulu, HI	30.6	27.0	Atlantic City, NJ	20.0	26.1
Golden Meadow-Leeville, LA	19.0	26.9	Newport, OR	19.6	24.6
Bayou La Batre, AL	17.8	23.0	Intercoastal City, LA	21.0	24.5
Hampton Roads Area, VA	21.9	22.7	Wanchese-Stumpy Point, NC	22.7	24.0
Morgan City-Berwick, LA	137.0	20.2	Freeport, TX	16.6	22.8
Ilwaco-Chinook, WA	10.5	19.8	Tampa Bay-St. Petersburg, FL	19.2	20.4
Coos Bay-Charleston, OR	26.0	19.2	Delacroix-Yscloskey, LA	17.0	20.1
Grand Isle, LA	14.0	18.2	Ketchikan, AK	39.9	20.0
Homer, AK	17.4	18.1	Port Hueneme-Oxnard-Ventura, CA	32.3	20.0
Bellingham, WA	21.2	18.0	Petersburg, AK	34.1	19.4
Provincetown-Chatham, MA	20.0	17.5	Stonington, ME	9.1	18.0
Galveston, TX	18.0	17.4	Aransas Pass-Rockport, TX	15.0	17.8
Port Arthur, TX	8.9	17.0	Point Pleasant, NJ	17.2	17.8
Key West, FL	19.8	16.9	Westport, WA	10.8	17.8
Stonington, ME	3.2	15.9	Beaufort-Morehead City, NC	16.7	16.9
Delacroix-Yscloskey, LA	16.0	15.5	Fort Myers, FL	18.9	16.5
Crescent City, CA	14.3	15.5	Pascagoula-Moss Point, MS	16.0	16.5
Palacios, TX	12.8	14.8	Bellingham, WA	16.9	15.9
Gulfport-Biloxi, MS	13.4	14.2	Cape Canaveral, FL	11.9	15.3
Eureka, CA	12.1	13.7	Charleston-Mt. Pleasant, SC	12.0	14.1
Kenai, AK	19.6	13.5	Provincetown-Chatham, MA	12.9	13.6

Notes:—To avoid disclosure of private enterprise certain leading ports have not been included to preserve confidentiality. Catches of Alaska pollock, Pacific whiting and other Pacific groundfish caught in the northeast Pacific EEZ of the U.S. and processed at-sea are not attributed to a specific U.S. port. The record landings for quantity was 848.2 million pounds in Los Angeles, CA in 1960 and for value was $224.1 million in Dutch Harbor-Unalaska, AK in 1994.

COMMERCIAL LANDINGS OF FISH AND SHELLFISH BY U.S. FISHING CRAFT: BY SPECIES, BY DISTANCE CAUGHT OFF U.S. SHORES AND IN INTERNATIONAL WATERS, 2000 (1)

Species	Distance from U.S. shores				High Seas or off Foreign Shores		Total U.S. Landings	
	0 to 3 miles		3 - 200 miles					
Fish	Thousand Pounds	Thousand Dollars	Thousand Pounds	Thousand Dollars	Thousand Pounds	Thousand Dollars	Thousand Pounds	Thousand Dollars
Alewives	633	170	9	1	-	-	642	171
Anchovies	15,701	700	9,623	429	-	-	25,324	1,129
Atka mackerel	-	-	98,308	8,848	-	-	98,308	8,848
Bluefish	4,197	1,450	3,875	1,346	-	-	8,072	2,796
Blue runner	171	129	116	54	-	-	288	183
Bonito	77	53	126	89	-	-	202	143
Butterfish	744	407	3,933	1,515	-	-	4,677	1,922
Catfish & bullheads	16,667	9,706	3	2	-	-	16,670	9,708
Chubs	2,167	1,646	(2)	(2)	-	-	2,167	1,646
Cod:								
Atlantic	787	877	24,273	25,508	-	-	25,060	26,384
Pacific	61,334	19,423	469,170	122,906	-	-	530,505	142,330
Crevalle (jack)	292	180	408	222	-	-	700	402
Croaker:								
Atlantic	16,488	7,224	10,272	2,869	-	-	26,760	10,093
Pacific (white)	83	56	148	100	-	-	231	156
Cusk	12	8	403	258	-	-	415	266
Dolphinfish	4	6	1,097	1,523	92	61	1,193	1,591
Eel, American	1,431	1,109	(2)	(2)	-	-	1,432	1,110
Flounders:								
Arrowtooth	1,016	96	40,289	1,911	-	-	41,305	2,007
Winter (blackback)	2,414	2,366	10,412	10,320	-	-	12,826	12,685
Plaice, American	733	755	8,556	8,783	-	-	9,288	9,539
Summer (fluke)	2,586	5,082	8,628	14,865	-	-	11,214	19,947
Sole:								
Dover	4,281	1,552	16,469	5,416	-	-	20,750	6,968
Flathead	147	16	35,713	1,740	-	-	35,859	1,756
Witch (gray)	208	275	5,168	6,724	-	-	5,376	6,999
Petrale	972	982	3,151	3,202	-	-	4,124	4,184
Rock	247	43	60,418	7,478	-	-	60,665	7,521
Yellowfin	-	-	154,258	6,672	-	-	154,258	6,672

See footnotes at end of table

(Continued)

COMMERCIAL LANDINGS OF FISH AND SHELLFISH BY U.S. FISHING CRAFT: BY SPECIES, BY DISTANCE CAUGHT OFF U.S. SHORES AND IN INTERNATIONAL WATERS, 2000 (1)

Species	Distance from U.S. shores				High Seas or off Foreign Shores		Total U.S. Landings	
	0 to 3 miles		3 - 200 miles					
Fish - Continued	Thousand Pounds	Thousand Dollars	Thousand Pounds	Thousand Dollars	Thousand Pounds	Thousand Dollars	Thousand Pounds	Thousand Dollars
Flounders - Continued:								
Yellowtail	403	404	14,869	14,949	-	-	15,272	15,352
Atlantic/Gulf, other	4,204	7,108	498	196	-	-	4,702	7,305
Pacific, other	2,042	1,435	35,042	7,539	-	-	37,084	8,975
Total flounders	**19,253**	**20,114**	**393,471**	**89,795**	-	-	**412,723**	**109,910**
Goosefish (anglerfish)	1,644	1,797	44,226	51,707	-	-	45,869	53,504
Groupers	561	1,190	12,363	26,581	-	-	12,924	27,771
Haddock	120	160	8,703	11,415	-	-	8,823	11,575
Hakes:								
Pacific (whiting)	-	-	452,718	18,809	-	-	452,718	18,809
Red	99	23	3,365	869	-	-	3,463	892
Silver (Atl. whiting)	344	133	26,511	11,236	-	-	26,855	11,370
White	99	60	6,529	3,749	-	-	6,629	3,809
Halibut	2,877	5,768	73,763	141,973	-	-	76,640	147,741
Herring:								
Sea:								
Atlantic	44,625	2,793	118,612	7,300	-	-	163,237	10,092
Pacific	74,835	12,043	-	-	-	-	74,835	12,043
Thread	6,737	466	(2)	(2)	-	-	6,737	466
Jack mackerel	2,422	219	480	29	-	-	2,902	247
Lingcod	116	113	263	268	-	-	379	381
Mackerels:								
Atlantic	657	271	11,797	1,747	-	-	12,454	2,018
Chub	40,028	2,398	7,037	428	-	-	47,065	2,826
King and cero	662	895	4,289	6,168	-	-	4,952	7,063
Spanish	1,338	818	2,298	1,258	-	-	3,636	2,076
Menhaden:								
Atlantic	380,334	26,379	76,289	5,354	-	-	456,623	31,733
Gulf	1,008,197	62,371	295,678	18,299	-	-	1,303,875	80,670
Total menhaden	**1,388,531**	**88,750**	**371,967**	**23,653**	-	-	**1,760,498**	**112,403**
Mullets	20,462	13,583	92	69	-	-	20,554	13,652
Ocean perch:								
Atlantic	5	3	696	372	-	-	702	375
Pacific	26	2	39,496	2,595	-	-	39,521	2,597

See footnotes at end of table

(Continued)

COMMERCIAL LANDINGS OF FISH AND SHELLFISH BY U.S. FISHING CRAFT: BY SPECIES, BY DISTANCE CAUGHT OFF U.S. SHORES AND IN INTERNATIONAL WATERS, 2000 (1)

Species	Distance from U.S. shores				High Seas or off Foreign Shores		Total U.S. Landings	
	0 to 3 miles		3 - 200 miles					
Fish - Continued	Thousand Pounds	Thousand Dollars	Thousand Pounds	Thousand Dollars	Thousand Pounds	Thousand Dollars	Thousand Pounds	Thousand Dollars
Pollock:								
Atlantic	77	60	8,836	6,967	-	-	8,913	7,028
Walleye (Alaska)	47,489	3,717	2,559,313	156,808	-	-	2,606,802	160,525
Rockfishes:								
Bocaccio	12	9	48	34	-	-	60	43
Canary	7	4	127	74	-	-	134	78
Chilipepper	257	157	722	439	-	-	980	596
Widow	219	111	7,728	3,679	-	-	7,947	3,791
Yellowtail	46	29	6,942	3,109	-	-	6,988	3,138
Other	3,005	2,097	30,930	13,642	-	-	33,935	15,739
Total rockfishes	**3,546**	**2,407**	**46,497**	**20,977**	-	-	**50,044**	**23,385**
Sablefish	7,133	14,406	42,546	86,754	-	-	49,680	101,161
Salmon:								
Chinook or king	10,591	16,509	5,508	9,685	-	-	16,099	26,194
Chum or keta	162,320	39,235	12	3	-	-	162,332	39,238
Pink	208,201	27,094	-	-	-	-	208,201	27,094
Red or sockeye	208,162	159,604	(2)	(2)	-	-	208,162	159,604
Silver or coho	32,942	17,410	899	673	-	-	33,841	18,083
Total salmon	**622,216**	**259,852**	**6,419**	**10,361**	-	-	**628,635**	**270,213**
Sardines:								
Pacific	126,068	6,218	23,598	1,101	-	-	149,666	7,319
Spanish	1,355	84	-	-	-	-	1,355	84
Scup or porgy	1,344	1,805	1,674	1,865	-	-	3,018	3,670
Sea bass:								
Black (Atlantic)	847	1,308	2,497	4,349	-	-	3,343	5,657
White (Pacific)	78	149	145	276	-	-	223	425
Sea trout or weakfish:								
Gray	3,781	2,585	1,594	1,004	-	-	5,375	3,589
Spotted	565	770	7	5	-	-	572	775
Sand (white)	134	109	30	16	-	-	164	125
Shads:								
American	2,878	1,264	96	38	-	-	2,974	1,302
Hickory	110	22	2	(2)	-	-	111	23

See footnotes at end of table

(Continued)

COMMERCIAL LANDINGS OF FISH AND SHELLFISH BY U.S. FISHING CRAFT: BY SPECIES, BY DISTANCE CAUGHT OFF U.S. SHORES AND IN INTERNATIONAL WATERS, 2000 (1)

Species	Distance from U.S. shores				High Seas or off Foreign Shores		Total U.S. Landings	
	0 to 3 miles		3 - 200 miles					
Fish - Continued	Thousand Pounds	Thousand Dollars	Thousand Pounds	Thousand Dollars	Thousand Pounds	Thousand Dollars	Thousand Pounds	Thousand Dollars
Sharks:								
Dogfish	6,136	1,134	17,544	3,719	-	-	23,680	4,853
Other	796	510	8,842	5,341	1,695	451	11,333	6,303
Sheepshead (Atlantic)	3,348	1,055	21	6	-	-	3,369	1,061
Skates	8,477	1,171	24,707	3,260	-	-	33,184	4,431
Smelts	1,859	2,284	34	14	-	-	1,893	2,298
Snappers:								
Red	160	738	4,923	11,265	(2)	(2)	5,084	12,003
Vermillion	1	1	2,009	4,392	-	-	2,009	4,394
Unclassified	284	616	3,300	6,566	(2)	(2)	3,584	7,183
Spearfish	6	8	139	168	126	153	271	328
Spot	6,765	3,621	161	63	-	-	6,925	3,684
Striped bass	6,717	11,934	196	352	-	-	6,913	12,286
Swordfish	402	856	10,122	22,728	7,281	14,397	17,805	37,981
Tenpounder (ladyfish)	266	139	(2)	(2)	-	-	266	139
Tilefish	5	7	2,600	4,845			2,605	4,852
Trout, Rainbow	321	224	-	-	-	-	321	224
Tuna:								
Albacore	533	549	20,820	18,541	8,417	8,563	29,770	27,653
Bigeye	243	868	4,056	13,838	8,304	12,366	12,603	27,072
Bluefin	15	15	3,080	18,842	72	97	3,167	18,954
Little tunny	121	25	363	88	(2)	(2)	484	113
Skipjack	725	903	853	1,047	213,213	51,344	214,792	53,294
Yellowfin	1,368	3,191	9,312	20,369	64,886	28,971	75,566	52,530
Unclassified	32	75	236	341	(2)	(2)	268	416
Total tuna	**3,037**	**5,626**	**38,720**	**73,066**	**294,892**	**101,341**	**336,650**	**180,032**
Whitefish, lake	11,461	10,095	-	-	-	-	11,461	10,095
Wolffish, Atlantic	8	5	433	213	-	-	442	218
Yellow perch	1,249	2,929	(2)	(2)	-	-	1,249	2,929
Other marine finfishes	28,637	18,259	28,510	16,118	1,557	2,732	58,705	37,109
Other freshwater finfishes	14,554	5,521	10	3	-	-	14,564	5,524
Total finfish	**2,638,339**	**556,232**	**5,035,965**	**1,008,331**	**305,643**	**119,135**	**7,979,950**	**1,683,706**

See footnotes at end of table

(Continued)

COMMERCIAL LANDINGS OF FISH AND SHELLFISH BY U.S. FISHING CRAFT: BY SPECIES, BY DISTANCE CAUGHT OFF U.S. SHORES AND IN INTERNATIONAL WATERS, 2000 (1)

Species	Distance from U.S. shores				High Seas or off Foreign Shores		Total U.S. Landings	
	0 to 3 miles		3 - 200 miles					
Shellfish	Thousand Pounds	Thousand Dollars	Thousand Pounds	Thousand Dollars	Thousand Pounds	Thousand Dollars	Thousand Pounds	Thousand Dollars
Clams:								
Quahog (hard)	11,203	53,841	1	(2)	-	-	11,205	53,841
Geoduck (Pacific)	1,560	15,841	-	-	-	-	1,560	15,841
Manila (Pacific)	829	11,808	-	-	-	-	829	11,808
Ocean quahog	12,467	6,646	20,379	10,333	-	-	32,845	16,979
Softshell	2,680	11,604	-	-	-	-	2,680	11,604
Surf (Atlantic)	28,411	16,818	40,136	21,207	-	-	68,548	38,025
Other	815	5,875	(2)	(2)	-	-	815	5,875
Total clams	**57,965**	**122,433**	**60,516**	**31,540**	-	-	**118,482**	**153,973**
Conch (snails)	1,215	1,819	871	1,829	-	-	2,086	3,649
Crabs:								
Blue: Hard	177,230	135,636	1	(2)	-	-	177,231	135,637
Soft or peeler	6,640	23,145	(2)	(2)	-	-	6,640	23,145
Dungeness	34,381	72,155	3,338	6,853	-	-	37,719	79,007
Jonah	1,346	775	1,108	704	-	-	2,455	1,479
King	1,239	3,955	13,859	57,685	-	-	15,098	61,641
Snow (tanner):								
Opilio	-	-	32,811	60,535	-	-	32,811	60,535
Bairdi	1,686	4,019	-	-	-	-	1,686	4,019
Other	7,516	8,073	17,850	31,471	-	-	25,366	39,543
Total crabs	**230,038**	**247,758**	**68,967**	**157,248**	-	-	**299,006**	**405,006**
Crawfish, freshwater	479	743			-	-	479	743
Horseshoe crab	3,033	758	704	165	-	-	3,737	923
Lobsters:								
American	54,637	199,033	28,543	102,266	-	-	83,180	301,300
Spiny	2,621	14,107	3,842	18,819	-	-	6,463	32,926
Mussels, blue (sea)	3,264	5,083	-	-	-	-	3,264	5,083
Oysters	41,146	90,667	(2)	(2)	-	-	41,146	90,667

See footnotes at end of table

(Continued)

COMMERCIAL LANDINGS OF FISH AND SHELLFISH BY U.S. FISHING CRAFT: BY SPECIES, BY DISTANCE CAUGHT OFF U.S. SHORES AND IN INTERNATIONAL WATERS, 2000 (1)

Species	Distance from U.S. shores				High Seas or off Foreign Shores		Total U.S. Landings	
	0 to 3 miles		3 - 200 miles					
Shellfish - Continued	Thousand Pounds	Thousand Dollars	Thousand Pounds	Thousand Dollars	Thousand Pounds	Thousand Dollars	Thousand Pounds	Thousand Dollars
Scallops:								
Bay	25	130	(2)	(2)	-	-	25	130
Calico, Atlantic	(3)	(3)	(3)	(3)	-	-	(3)	(3)
Sea	984	5,736	31,764	158,874	-	-	32,747	164,609
Shrimp:								
New England	1,579	1,250	3,782	3,086	-	-	5,361	4,335
South Atlantic	23,682	61,217	8,606	16,517	-	-	32,288	77,735
Gulf	89,841	275,636	166,792	306,417	-	-	256,633	582,052
Pacific	8,225	10,126	29,978	16,198	-	-	38,203	26,325
Other	(2)	3	(2)	3	-	-	1	6
Total shrimp	**123,327**	**348,232**	**209,158**	**342,221**	-	-	**332,486**	**690,453**
Squid:								
Atlantic:								
Illex	221	46	19,646	3,690	-	-	19,867	3,736
Loligo	6,751	4,263	30,601	19,799	-	-	37,351	24,062
Unclassified	95	52	207	106	-	-	302	158
Pacific:								
Loligo	243,936	25,452	15,570	1,625	-	-	259,506	27,076
Unclassified	2	1	-	-	-	-	2	1
Total, squid	**251,005**	**29,814**	**66,024**	**25,220**	-	-	**317,028**	**55,033**
Other shellfish	14,639	13,452	493	752	-	-	15,132	14,204
Total shellfish	**784,378**	**1,079,765**	**470,882**	**838,934**	-	-	**1,255,261**	**1,918,699**
Other								
Sea urchins	30,896	33,590	-	-	-	-	30,896	33,590
Seaweed, unclassified	92,531	163	-	-	-	-	92,531	163
Kelp (with herring eggs)	191	77	-	-	-	-	191	77
Worms	445	2,137	-	-	-	-	445	2,137
	124,063	**35,967**	-	-	-	-	**124,063**	**35,967**
Grand total, 2000	**3,546,780**	**1,671,964**	**5,506,847**	**1,847,265**	**305,643**	**119,135**	**9,359,274**	**3,638,372**
Grand total, 1999	**4,073,307**	**1,729,910**	**5,228,018**	**1,695,177**	**460,212**	**176,906**	**9,594,787**	**3,294,361**

(1) Landings are reported in round (live) weight for all items except univalve and bivalve mollusks, such as clams, oysters, and scallops, which are reported in weight of meats (excluding the shell). The National Marine Fisheries Service estimated the distance-from-shore landings for data collected by the Service and States. Includes landings from the Great Lakes and other inland waters, but excludes Mississippi River Drainage Area States.
(2) Less than 500 LB or $500. (3) Data are confidential and included with other shellfish.
NOTE:—Data are preliminary. Totals may not agree due to roundings. Data include landings by U.S.-flag vessels at Puerto Rico and other ports outside the 50 States. Therefore, they will not agree with "U.S. Commercial Landings" tables beginning on page 1. Data do not include aquaculture products, except oysters or clams.

COMMERCIAL LANDINGS OF FISH AND SHELLFISH BY U.S. FISHING CRAFT: BY SPECIES, BY DISTANCE CAUGHT OFF U.S. SHORES AND IN INTERNATIONAL WATERS, 2000 (1)

Species	Distance from U.S. shores				High Seas or off Foreign Shores		Total U.S. Landings	
	0 to 3 miles		3 to 200 miles					
Fish	Metric Tons	Thousand Dollars	Metric Tons	Thousand Dollars	Metric Tons	Thousand Dollars	Metric Tons	Thousand Dollars
Alewives	287	170	4	1	-	-	291	171
Anchovies	7,122	700	4,365	429	-	-	11,487	1,129
Atka mackerel	-	-	44,592	8,848	-	-	44,592	8,848
Bluefish	1,904	1,450	1,758	1,346	-	-	3,661	2,796
Blue runner	78	129	53	54	-	-	130	183
Bonito	35	53	57	89	-	-	92	143
Butterfish	337	407	1,784	1,515	-	-	2,121	1,922
Catfish & bullheads	7,560	9,706	1	2	-	-	7,561	9,708
Chubs	983	1,646	(2)	(2)	-	-	983	1,646
Cod:								
Atlantic	357	877	11,010	25,508	-	-	11,367	26,384
Pacific	27,821	19,423	212,814	122,906	-	-	240,635	142,330
Crevalle (jack)	132	180	185	222	-	-	318	402
Croaker:								
Atlantic	7,479	7,224	4,659	2,869	-	-	12,138	10,093
Pacific (white)	38	56	67	100	-	-	105	156
Cusk	5	8	183	258	-	-	188	266
Dolphinfish	2	6	498	1,523	42	61	541	1,591
Eel, American	649	1,109	(2)	(2)	-	-	649	1,110
Flounders:					-	-		
Arrowtooth	461	96	18,275	1,911	-	-	18,736	2,007
Winter (blackback)	1,095	2,366	4,723	10,320	-	-	5,818	12,685
Plaice, American	332	755	3,881	8,783	-	-	4,213	9,539
Summer (fluke)	1,173	5,082	3,914	14,865	-	-	5,087	19,947
Sole:					-	-		
Dover	1,942	1,552	7,470	5,416	-	-	9,412	6,968
Flathead	67	16	16,199	1,740	-	-	16,266	1,756
Witch (gray)	94	275	2,344	6,724	-	-	2,439	6,999
Petrale	441	982	1,429	3,202	-	-	1,870	4,184
Rock	112	43	27,405	7,478	-	-	27,517	7,521
Yellowfin	-	-	69,971	6,672	-	-	69,971	6,672

See footnotes at end of table

(Continued)

COMMERCIAL LANDINGS OF FISH AND SHELLFISH BY U.S. FISHING CRAFT: BY SPECIES, BY DISTANCE CAUGHT OFF U.S. SHORES AND IN INTERNATIONAL WATERS, 2000 (1)

Species	Distance from U.S. shores				High Seas or off Foreign Shores		Total U.S. Landings	
	0 to 3 miles		3 to 200 miles					
Fish - Continued	Metric Tons	Thousand Dollars	Metric Tons	Thousand Dollars	Metric Tons	Thousand Dollars	Metric Tons	Thousand Dollars
Flounders - Continued:								
Yellowtail	183	404	6,745	14,949	-	-	6,927	15,352
Atlantic/Gulf, other	1,907	7,108	226	196	-	-	2,133	7,305
Pacific, other	926	1,435	15,895	7,539	-	-	16,821	8,975
Total Flounders	**8,733**	**20,114**	**178,477**	**89,795**	-	-	**187,210**	**109,910**
Goosefish (anglerfish)	746	1,797	20,061	51,707	-	-	20,806	53,504
Groupers	254	1,190	5,608	26,581	-	-	5,862	27,771
Haddock	54	160	3,948	11,415	-	-	4,002	11,575
Hakes:								
Pacific (whiting)	-	-	205,352	**18,809**	-	-	205,352	18,809
Red	45	23	1,526	869	-	-	1,571	892
Silver (Atl. whiting)	156	133	12,025	11,236	-	-	12,181	11,370
White	45	60	2,962	3,749	-	-	3,006	3,809
Halibut	1,305	5,768	33,459	141,973	-	-	34,764	147,741
Herring:								
Sea:								
Atlantic	20,242	2,793	53,802	7,300	-	-	74,044	10,092
Pacific	33,945	12,043	-	-	-	-	33,945	12,043
Thread	3,056	466	(2)	(2)	-	-	3,056	466
Jack mackerel	1,099	219	218	29	-	-	1,316	247
Lingcod	53	113	119	268	-	-	172	381
Mackerels:								
Atlantic	298	271	5,351	1,747	-	-	5,649	2,018
Chub	18,157	2,398	3,192	428	-	-	21,349	2,826
King and cero	300	895	1,945	6,168	-	-	2,246	7,063
Spanish	607	818	1,042	1,258	-	-	1,649	2,076
Menhaden:								
Atlantic	172,518	26,379	34,604	5,354	-	-	207,123	31,733
Gulf	457,315	62,371	134,119	18,299	-	-	591,434	80,670
Total menhaden	**629,834**	**88,750**	**168,723**	**23,653**	-	-	**798,557**	**112,403**
Mullets	9,282	13,583	42	69	-	-	9,323	13,652
Ocean perch:								
Atlantic	2	3	316	372	-	-	318	375
Pacific	12	2	17,915	2,595	-	-	17,927	2,597

See footnotes at end of table

(Continued)

COMMERCIAL LANDINGS OF FISH AND SHELLFISH BY U.S. FISHING CRAFT: BY SPECIES, BY DISTANCE CAUGHT OFF U.S. SHORES AND IN INTERNATIONAL WATERS, 2000 (1)

Species	Distance from U.S. shores				High Seas or off Foreign Shores		Total U.S. Landings	
	0 to 3 miles		3 to 200 miles					
Fish - Continued	Metric Tons	Thousand Dollars	Metric Tons	Thousand Dollars	Metric Tons	Thousand Dollars	Metric Tons	Thousand Dollars
Pollock:								
Atlantic	35	60	4,008	6,967	-	-	4,043	7,028
Walleye (Alaska)	21,541	3,717	1,160,897	156,808	-	-	1,182,438	160,525
Rockfishes:								
Bocaccio	5	9	22	34	-	-	27	43
Canary	3	4	58	74	-	-	61	78
Chilipepper	117	157	327	439	-	-	444	596
Widow	99	111	3,505	3,679	-	-	3,605	3,791
Yellowtail	21	29	3,149	3,109	-	-	3,170	3,138
Other	1,363	2,097	14,030	13,642	-	-	15,393	15,739
Total rockfishes	**1,608**	**2,407**	**21,091**	**20,977**	**-**	**-**	**22,699**	**23,385**
Sablefish	3,236	14,406	19,299	86,754	-	-	22,534	101,161
Salmon:								
Chinook or king	4,804	16,509	2,498	9,685	-	-	7,302	26,194
Chum or keta	73,628	39,235	5	3	-	-	73,633	39,238
Pink	94,439	27,094	-	-	-	-	94,439	27,094
Red or sockeye	94,422	159,604	(2)	(2)	-	-	94,422	18,083
Silver or coho	14,942	17,410	408	673	-	-	15,350	270,213
Total salmon	**282,235**	**259,852**	**2,912**	**10,361**	**-**	**-**	**285,147**	**270,213**
Sardines:								
Pacific	57,184	6,218	10,704	1,101	-	-	67,888	7,319
Spanish	615	84	-	-	-	-	615	84
Scup or porgy	610	1,805	759	1,865	-	-	1,369	3,670
Sea bass:								
Black (Atlantic)	384	1,308	1,133	4,349	-	-	1,517	5,657
White (Pacific)	35	149	66	276	-	-	101	425
Sea trout or weakfish:								
Gray	1,715	2,585	723	1,004	-	-	2,438	3,589
Spotted	256	770	3	5	-	-	259	775
Sand (white)	61	109	14	16	-	-	74	125
Shads:								
American	1,305	1,264	44	38	-	-	1,349	1,302
Hickory	50	22	1	(2)	-	-	51	23

See footnotes at end of table

(Continued)

COMMERCIAL LANDINGS OF FISH AND SHELLFISH BY U.S. FISHING CRAFT: BY SPECIES, BY DISTANCE CAUGHT OFF U.S. SHORES AND IN INTERNATIONAL WATERS, 2000 (1)

Species	Distance from U.S. shores				High Seas or off Foreign Shores		Total U.S. Landings	
	0 to 3 miles		3 to 200 miles					
Fish - Continued	Metric Tons	Thousand Dollars	Metric Tons	Thousand Dollars	Metric Tons	Thousand Dollars	Metric Tons	Thousand Dollars
Sharks:								
Dogfish	2,783	1,134	7,958	3,719	-	-	10,741	4,853
Other	361	510	4,011	5,341	769	451	5,141	6,303
Sheepshead (Atlantic)	1,519	1,055	10	6	-	-	1,528	1,061
Skates	3,845	1,171	11,207	3,260	-	-	15,052	4,431
Smelts	843	2,284	15	14	-	-	859	2,298
Snappers:								
Red	73	738	2,233	11,265	(2)	(2)	2,306	12,003
Vermillion	1	1	911	4,392	-	-	912	4,394
Unclassified	129	616	1,497	6,566	(2)	(2)	1,626	7,183
Spearfish	3	8	63	168	57	153	123	328
Spot	3,069	3,621	73	63	-	-	3,142	3,684
Striped bass	3,047	11,934	89	352	-	-	3,136	12,286
Swordfish	182	856	4,591	22,728	3,303	14,397	8,076	37,981
Tenpounder (ladyfish)	121	139	(2)	(2)	-	-	121	139
Tilefish	2	7	1,179	4,845	-	-	1,182	4,852
Trout, Rainbow	146	224	-	-	-	-	146	224
Tuna:					-	-		
Albacore	242	549	9,444	18,541	3,818	8,563	13,504	27,653
Bigeye	110	868	1,840	13,838	3,767	12,366	5,717	27,072
Bluefin	7	15	1,397	18,842	33	97	1,437	18,954
Little tunny	55	25	165	88	(2)	(2)	220	113
Skipjack	329	903	387	1,047	96,713	51,344	97,429	53,294
Yellowfin	621	3,191	4,224	20,369	29,432	28,971	34,277	52,530
Unclassified	15	75	107	341	(2)	(2)	122	416
Total tuna	**1,378**	**5,626**	**17,563**	**73,066**	**133,762**	**101,341**	**152,703**	**180,032**
Whitefish, lake	5,199	10,095	-	-	-	-	5,199	10,095
Wolffish, Atlantic	4	5	196	213	-	-	200	218
Yellow perch	567	2,929	(2)	(2)	-	-	567	2,929
Other marine finfishes	12,990	18,259	12,932	16,118	706	2,732	26,628	37,109
Other freshwater finfishes	6,602	5,521	5	3	-	-	6,606	5,524
Total finfish	**1,196,743**	**556,232**	**2,284,299**	**1,008,331**	**138,639**	**119,135**	**3,619,682**	**1,683,706**

See footnotes at end of table

(Continued)

COMMERCIAL LANDINGS OF FISH AND SHELLFISH BY U.S. FISHING CRAFT: BY SPECIES, BY DISTANCE CAUGHT OFF U.S. SHORES AND IN INTERNATIONAL WATERS, 2000 (1)

Species	Distance from U.S. shores				High Seas or off Foreign Shores		Total U.S. Landings	
	0 to 3 miles		3 to 200 miles					
Shellfish	Metric Tons	Thousand Dollars	Metric Tons	Thousand Dollars	Metric Tons	Thousand Dollars	Metric Tons	Thousand Dollars
Clams:								
Quahog (hard)	5,082	53,841	(2)	(2)	-	-	5,082	53,841
Geoduck (Pacific)	708	15,841	-	-	-	-	708	15,841
Manila (Pacific)	376	11,808	-	-	-	-	376	11,808
Ocean quahog	5,655	6,646	9,244	10,333	-	-	14,899	16,979
Softshell	1,216	11,604	-	-	-	-	1,216	11,604
Surf (Atlantic)	12,887	16,818	18,206	21,207	-	-	31,093	38,025
Other	370	5,875	(2)	(2)	-	-	370	5,875
Total clams	**26,293**	**122,433**	**27,450**	**31,540**	-	-	**53,742**	**153,973**
Conch (snails)	551	1,819	395	1,829	-	-	946	3,649
Crabs:								
Blue: Hard	80,391	135,636	(2)	(2)	-	-	80,391	135,637
Soft or peeler	3,012	23,145	(2)	(2)	-	-	3,012	23,145
Dungeness	15,595	72,155	1,514	6,853	-	-	17,109	79,007
Jonah	611	775	503	704	-	-	1,113	1,479
King	562	3,955	6,286	57,685	-	-	6,848	61,641
Snow (tanner):								
Opilio	-	-	14,883	60,535	-	-	14,883	60,535
Bairdi	765	4,019	-	-	-	-	765	4,019
Other	3,409	8,073	8,097	31,471	-	-	11,506	39,543
Total crabs	**104,345**	**247,758**	**31,283**	**157,248**	-	-	**135,627**	**405,006**
Crawfish, freshwater	217	743	-	-	-	-	217	743
Horseshoe crab	1,376	758	319	165	-	-	1,695	923
Lobsters:								
American	24,783	199,033	12,947	102,266	-	-	37,730	301,300
Spiny	1,189	14,107	1,743	18,819	-	-	2,932	32,926
Mussels, blue (sea)	1,481	5,083	-	-	-	-	1,481	5,083
Oysters	18,664	90,667	(2)	(2)	-	-	18,664	90,667

See footnotes at end of table

(Continued)

COMMERCIAL LANDINGS OF FISH AND SHELLFISH BY U.S. FISHING CRAFT: BY SPECIES, BY DISTANCE CAUGHT OFF U.S. SHORES AND IN INTERNATIONAL WATERS, 2000 (1)

Species	Distance from U.S. shores				High Seas or off Foreign Shores		Total U.S. Landings	
	0 to 3 miles		3 to 200 miles					
Shellfish - Continued	Metric Tons	Thousand Dollars	Metric Tons	Thousand Dollars	Metric Tons	Thousand Dollars	Metric Tons	Thousand Dollars
Scallops:								
Bay.	11	130	-	-	-	-	11	130
Calico, Atlantic	(3)	(3)	(3)	(3)	-	-	(3)	(3)
Sea	446	5,736	14,408	158,874	-	-	14,854	164,609
Shrimp:								
New England	716	1,250	1,716	3,086	-	-	2,432	4,335
South Atlantic	10,742	61,217	3,904	16,517	-	-	14,646	77,735
Gulf	40,752	275,636	75,656	306,417	-	-	116,408	582,052
Pacific	3,731	10,126	13,598	16,198	-	-	17,329	26,325
Other	(2)	3	(2)	3	-	-	(2)	6
Total shrimp	**55,941**	**348,232**	**94,873**	**342,221**	**-**	**-**	**150,814**	**690,453**
Squid:								
Atlantic:								
Illex	100	46	8,911	3,690	-	-	9,012	3,736
Loligo	3,062	4,263	13,881	19,799	-	-	16,943	24,062
Unclassified	43	52	94	106	-	-	137	158
Pacific:								
Loligo	110,649	25,452	7,063	1,625	-	-	117,711	27,076
Unclassified	1	1	-	-	-	-	1	1
Total, squid	**113,855**	**29,814**	**29,948**	**25,220**	**-**	**-**	**143,803**	**55,033**
Other shellfish	6,640	13,452	224	752	-	-	6,864	14,204
Total shellfish	**355,792**	**1,079,765**	**213,591**	**838,934**	**-**	**-**	**569,382**	**1,918,699**
Other								
Sea urchins	14,014	33,590	-	-	-	-	14,014	33,590
Seaweed, unclassified	41,972	163	-	-	-	-	41,972	163
Kelp (with herring eggs)	87	77	-	-	-	-	87	77
Worms	202	2,137	-	-	-	-	202	2,137
Total other	**56,275**	**35,967**	**-**	**-**	**-**	**-**	**56,275**	**35,967**
Grand total, 2000	**1,608,809**	**1,671,964**	**2,497,889**	**1,847,265**	**138,639**	**119,135**	**4,245,338**	**3,638,372**
Grand total, 1999	**1,847,640**	**1,729,910**	**2,371,413**	**1,695,177**	**208,751**	**176,906**	**4,427,804**	**3,294,361**

(1) Landings are reported in round (live) weight for all items except univalve and bivalve mollusks, such as clams, oysters, and scallops, which are reported in weight of meats (excluding the shell). The National Marine Fisheries Service estimated the distance-from-shore landings for data collected by the Service and States. Includes landings from the Great Lakes and other inland waters, but excludes Mississippi River Drainage Area States.
(2) Less than .5 MT or $500. (3) Data are confidential and included with other shellfish.
NOTE:—Data are preliminary. Totals may not agree due to roundings. Data include landings by U.S.-flag vessels at Puerto Rico and other ports outside the 50 States. Therefore, they will not agree with "U.S. Commercial Landings" tables beginning on page 1. Data do not include aquaculture products, except oysters or clams.

DOMESTIC LANDINGS FOR U.S. TERRITORIAL POSSESSIONS, 2000 (1)

Group / Species	Puerto Rico		Guam	
Fish	Pounds	Dollars	Pounds	Dollars
Ballyhoo	52,810	69,049	-	-
Barracuda	23,901	36,270	4,047	8,452
Billfish:				
Marlin	-	-	66,787	76,799
Sailfish	-	-	1,530	2,039
Spearfish	-	-	-	-
Dolphin (Mahi mahi)	134,851	270,376	74,477	159,859
Emperors	-	-	2,594	8,050
Goatfish	17,349	29,233	81	242
Groupers:				
Red hind	76,390	162,711	-	-
Nassau	12,763	23,165	-	-
Other	54,223	116,173	1,887	4,558
Grunts:				
Margate	847	1,091	-	-
Other	113,341	168,878	-	-
Hogfish	51,084	112,385	-	-
Jacks:				
Amberjack	-	-	788	2,125
Bigeye Scad	-	-	7,888	20,243
Rainbow Runner	-	-	3,235	6,704
Rudderfish	-	-	-	-
Other	81,701	116,628	2,142	5,338
Mackerel, king and cero	157,611	282,518	-	-
Milkfish	-	-	23	68
Mojarra	17,738	30,022	-	-
Mullet	51,356	64,837	43	114
Parrotfish	72,159	112,027	391	984
Rabbitfish	-	-	859	2,664
Scup or porgy	28,481	43,149	-	-
Sharks, other	40,111	61,971	199	596
Snappers:				
Ehu	-	-	523	2,086
Gindai (Flower Snap)	-	-	544	2,172
Kalikali	-	-	766	2,624
Lane	241,915	513,465	-	-
Lehi	-	-	1,212	4,840
Mutton	84,266	178,223	-	-
Onaga	-	-	8,611	36,826
Opakapaka	-	-	651	2,603
Silk	205,284	560,425	-	-
Uku (Gray Snapper)	-	-	647	2,113
Yellowtail	292,292	584,584	-	-
Other	79,580	167,118	370	1,069
Total snappers	**903,337**	**2,003,815**	**13,324**	**54,333**
Snook	48,322	82,510	-	-
Spanish sardine	24,944	30,432	-	-
Squirrelfish	26,089	31,307	-	-
Surgeonfishes:				
Unicornfish	-	-	-	-
Other	-	-	-	-
Tarpon	354	182	-	-
Tilapia	-	-	-	-
Triggerfish	37,720	61,672	-	-
Trunkfish (boxfish)	81,963	160,033	-	-

(Continued)

DOMESTIC LANDINGS FOR U.S. TERRITORIAL POSSESSIONS, 2000 (1) - Continued

Group / Species	Puerto Rico		Guam	
Fish	Pounds	Dollars	Pounds	Dollars
Tuna:			-	-
Dogtooth	-	-	3283	4510
Kawakawa	-	-	-	-
Skipjack	-	-	135,472	172,542
Yellowfin	-	-	38,909	74,417
Unclassified	135,121	201,330	28	44
Total tuna	**135,121**	**201,330**	**177,692**	**251,513**
Wahoo	-	-	43,811	95,637
Wrasse (Hogfish)	-	-	1,059	2,616
Other marine finfishes	185,791	216,817	199,040	590,568
Other freshwater fish	-	-	-	-
Total fish	**2,430,357**	**4,488,581**	**601,897**	**1,293,502**
Shellfish, et al				
Crabs, other	1,605	23,758	27	78
Lobster, spiny	239,393	1,222,101	3,440	13,315
Conch (snail) meats	249,526	583,891	-	-
Oysters	2,116	5,713	-	-
Octopus	39,863	94,675	2,367	6,802
Shrimp	-	-	29	186
Shellfish, other	10,005	24,987	3	9
Total shellfish, et al.	**542,508**	**1,955,125**	**5,866**	**20,390**
Grand total	**2,972,865**	**6,443,706**	**607,763**	**1,313,892**

Group / Species	American Samoa		Northern Marianas Islands	
Fish	Pounds	Dollars	Pounds	Dollars
Barracudas	984	1,459	244	466
Billfishes:				
Blue marlin	36,516	30,226	3,608	5,838
Sailfish	1,448	1,288	-	-
Dolphin (mahimahi)	32,943	45,705	7,082	15,463
Emperors	8,371	16,743	10,057	28,363
Goatfish	-	-	1,540	4,228
Groupers:				
Lunartail	362	724	-	-
Other	2,672	5,316	2,748	6,560
Jacks:				
Amberjack	-	-		
Bigeye Scad	180	350	23,256	64,765
Black jack	-	-	-	-
Rainbow runner	1,234	2,468	1,355	3,082
Rudderfish	92	184	853	2,549
Other	1,928	2,796	1,860	4,960
Moonfish (Opah)	1,878	3,756	-	-
Mullet	215	968	111	292
Oilfish	-	-	-	-
Parrotfishes	12,288	24,430	8,838	26,420
Rabbitfish	92	184	12,336	40,753
Snappers:				
Blue lined snapper	3,347	6,694	-	-
Ehu	1,630	4,801	-	-
Gindai (flower snapper)	-	-	214	571
Gray jobfish	3,660	7,321	-	-
Humpback	783	1,534	-	-
Kalikali	-	-	-	-

(Continued)

DOMESTIC LANDINGS FOR U.S. TERRITORIAL POSSESSIONS, 2000 (1) - Continued

Group / Species	American Samoa		Northern Marianas Islands	
Fish	Pounds	Dollars	Pounds	Dollars
Lehi (silverjaw)	444	887	1,649	4,986
Onaga	194	512	6,952	25,066
Opakapaka	350	700	1,600	4,590
Stone's snapper	-	-	-	-
Yellow opakapaka	45	89	-	-
Snappers, other	214	430	190	439
Total snappers	**10,667**	**22,968**	**10,605**	**35,652**
Squirrelfish	2,212	4,423	342	952
Sunfish (Mola mola)	-	-	-	-
Surgeonfishes:			-	-
Lined surgeon	-	-	-	-
Striped bristletooth	-	-	-	-
Unicornfishes	1,824	3,649	6,464	17,515
Yellowfin	-	-	-	-
Other	20,111	40,223	7,001	20,664
Swordfish	1,978	5,627	-	-
Tunas:				
Albacore	1,444,039	1,554,590	-	-
Bigeye	51,733	31,121	-	-
Dogtooth	184	251	2,189	4,261
Kawakawa	-	-	3,079	4,914
Skipjack	30,028	27,455	138,710	256,105
Yellowfin	171,765	159,208	17,383	34,925
Other	-	-	1,376	2,471
Total, tuna	**1,697,749**	**1,772,625**	**162,737**	**302,676**
Wahoo	44,586	48,538	4,029	9,428
Wrasses	-	-	733	2,198
Other finfishes	706	949	140,869	326,849
Total fish	**1,881,036**	**2,035,599**	**406,668**	**919,673**
Shellfish, et al				
Crabs	-	-	-	-
Lobster, spiny	1,450	4,809	3,003	16,886
Octopus	65	178	747	1,806
Shellfish, Other	-	-	-	-
Total shellfish, et al.	**1,515**	**4,987**	**3,750**	**18,692**
Grand total	**1,882,551**	**2,040,586**	**410,418**	**938,365**

(1) Data in this table are preliminary and represent the latest information available.

ESTIMATED U.S. AQUACULTURE PRODUCTION, 1994 - 1999

Species	1994			1995		
	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars
Finfish:						
Baitfish	21,709	9,847	68,714	21,759	9,870	72,522
Catfish	439,269	199,251	344,475	446,886	202,706	351,222
Salmon	24,714	11,210	61,915	31,315	14,204	75,991
Striped bass	7,625	3,459	18,835	8,315	3,772	21,156
Tilapia	12,980	5,888	16,225	15,075	6,838	22,613
Trout	52,075	23,621	52,569	55,934	25,371	61,447
Shellfish:						
Clams	4,872	2,210	14,023	4,325	1,962	19,709
Crawfish	49,080	22,263	26,994	58,146	26,375	34,714
Mussels	424	192	1,249	410	186	1,221
Oysters	28,016	12,708	69,928	23,221	10,533	70,628
Shrimp (SW)	4,409	2,000	17,637	2,205	1,000	8,818
Miscellaneous	20,462	9,282	58,545	23,359	10,596	75,243
Totals	**665,635**	**301,930**	**751,109**	**690,950**	**313,413**	**815,284**

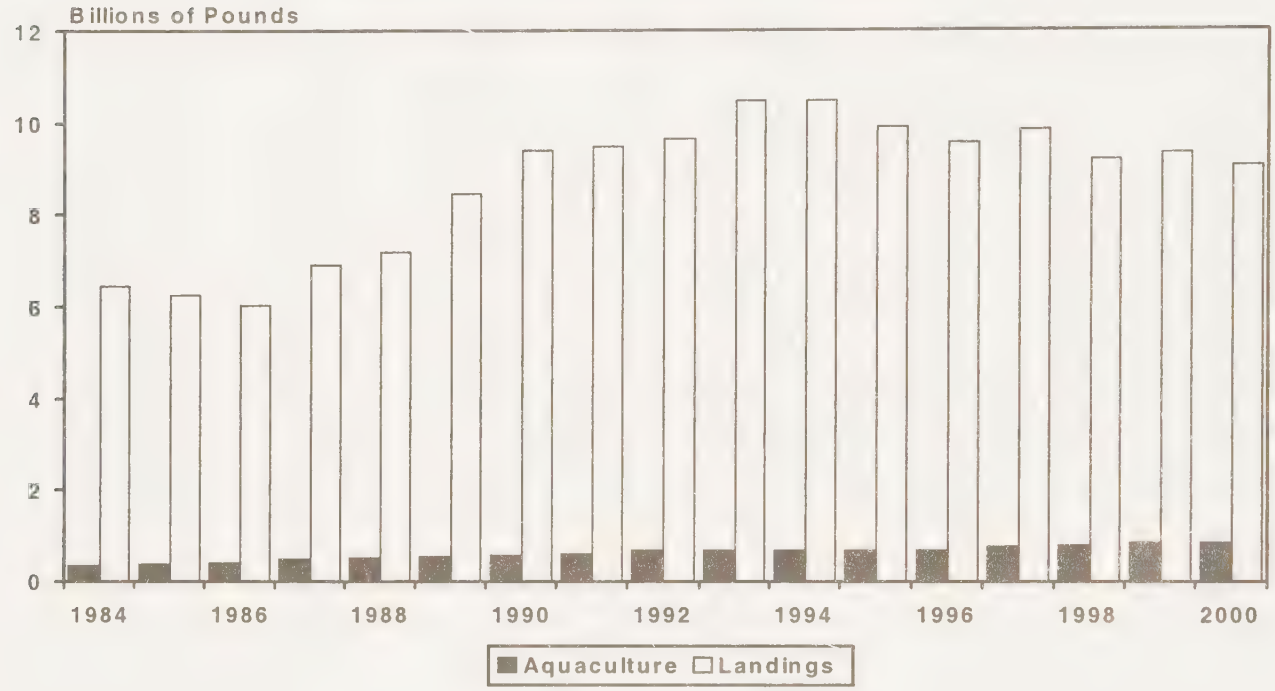
Species	1996			1997		
	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars
Finfish:						
Baitfish	20,849	9,457	70,254	19,929	9,040	73,580
Catfish	472,123	214,154	364,951	524,949	238,115	372,497
Salmon	30,657	13,906	60,995	39,745	18,028	65,053
Striped bass	7,850	3,561	20,308	8,400	3,810	21,783
Tilapia	15,965	7,242	23,948	16,860	7,648	29,505
Trout	53,620	24,322	56,958	56,710	25,723	60,212
Shellfish:						
Clams	3,834	1,739	20,315	9,243	4,193	26,753
Crawfish	46,584	21,130	34,820	49,232	22,331	29,300
Mussels	986	447	5,085	597	271	3,365
Oysters	18,546	8,412	64,368	15,737	7,138	39,031
Shrimp (SW)	2,866	1,300	11,464	2,646	1,200	10,582
Miscellaneous	19,813	8,987	152,169	22,625	9,930	177,994
Totals	**693,693**	**314,657**	**885,635**	**766,673**	**347,761**	**909,655**

Species	1998			1999		
	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars
Finfish:						
Baitfish	16,389	7,434	57,392	16,389	7,434	57,392
Catfish	564,355	255,990	419,094	596,628	270,629	438,936
Salmon	32,017	14,523	62,694	39,114	17,742	76,778
Striped bass	9,385	4,257	24,128	9,734	4,415	21,927
Tilapia	18,191	8,251	27,287	17,750	8,051	26,625
Trout	55,103	24,995	59,710	60,283	27,344	64,954
Shellfish:						
Clams	9,735	4,416	29,612	10,683	4,846	42,051
Crawfish	37,945	17,212	23,649	42,889	19,454	28,267
Mussels	527	239	2,801	531	241	799
Oysters	18,157	8,236	47,951	18,662	8,465	55,635
Shrimp (SW)	4,409	2,000	17,637	4,625	2,098	13,706
Miscellaneous	23,495	10,657	166,688	24,694	11,201	160,010
Totals	**789,708**	**358,209**	**938,643**	**841,982**	**381,921**	**987,080**

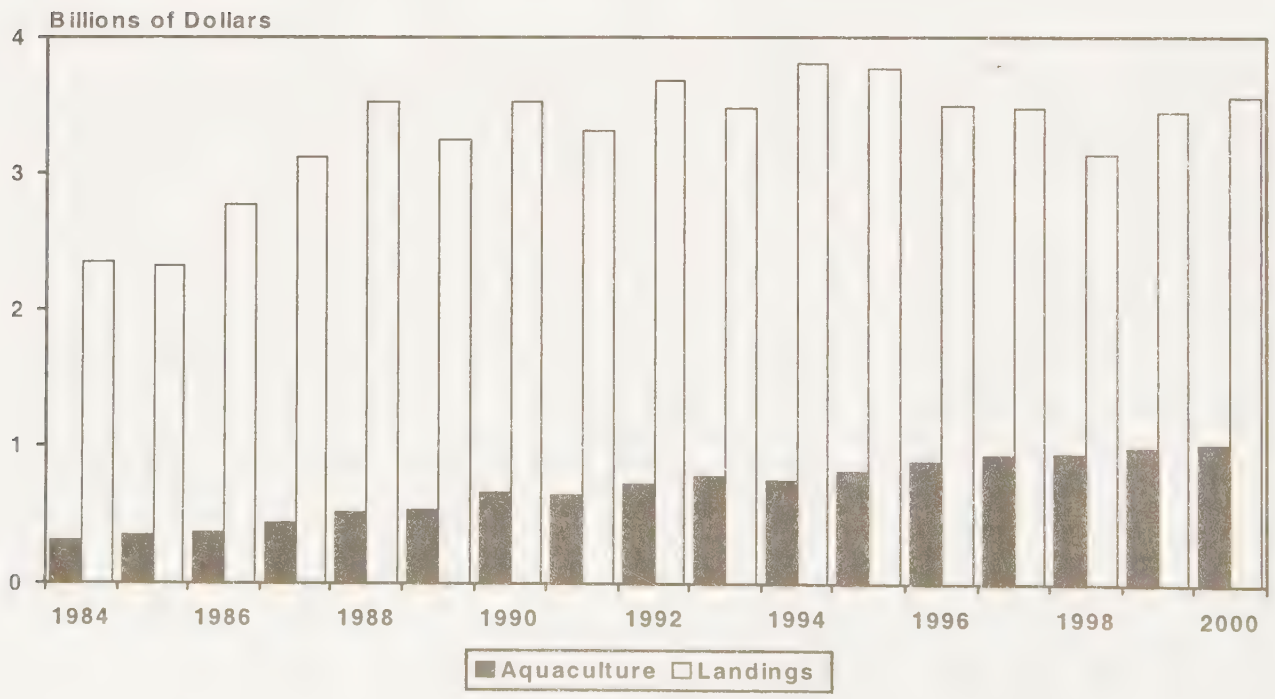
NOTE:—Table may not add due to rounding. Clams, oysters and mussels are reported as meat weights (excludes shell) while other identified species such as shrimp and finfishes are reported as whole (live) weights. Some clam and oyster aquaculture production are reported with U.S. commercial landings. Weights and values represent the final sales of products to processors and dealers. (1) "Miscellaneous" includes ornamental/tropical fish, alligators, algae, aquatic plants, eels, scallops, crabs, and others. The high value and low production of "Miscellaneous" occurs because production value, but not weight, are reported for many species such as ornamental fishes. SW:—Saltwater.

Volume of Domestic Commercial Landings and Aquaculture Production

Note: The 2000 aquaculture production is estimated

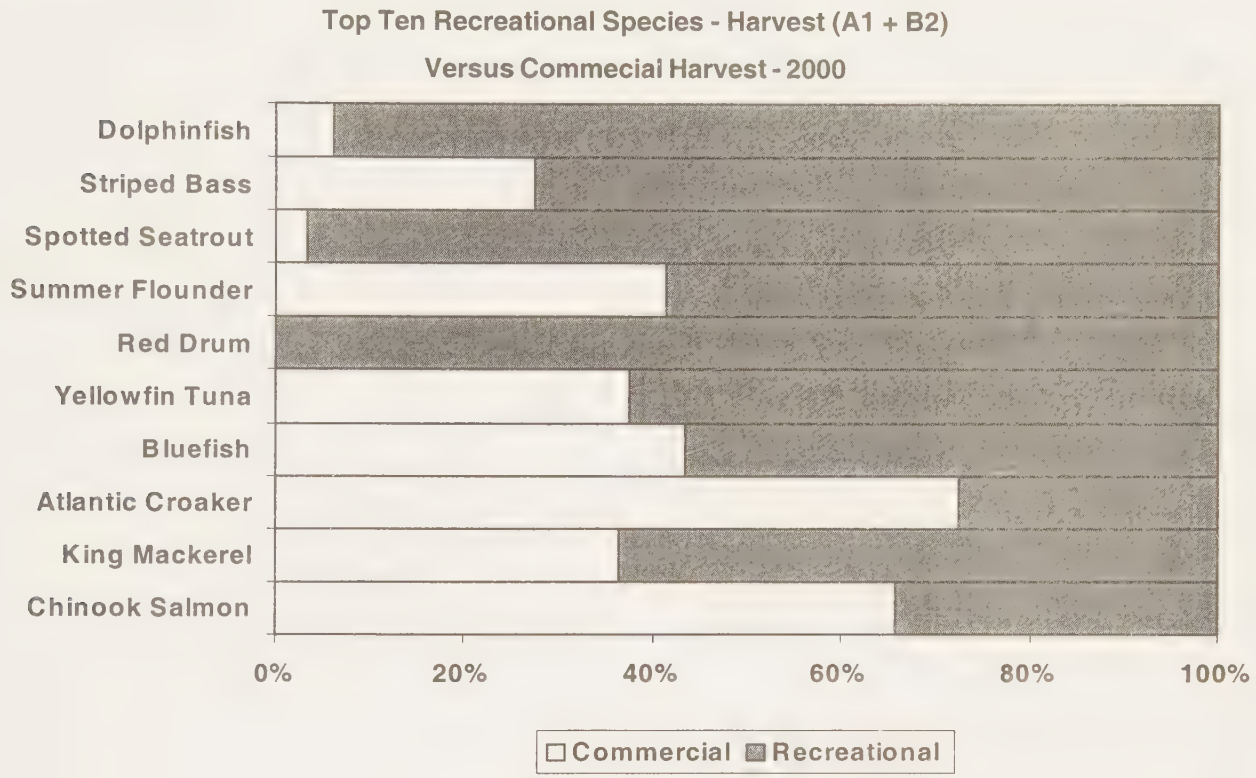


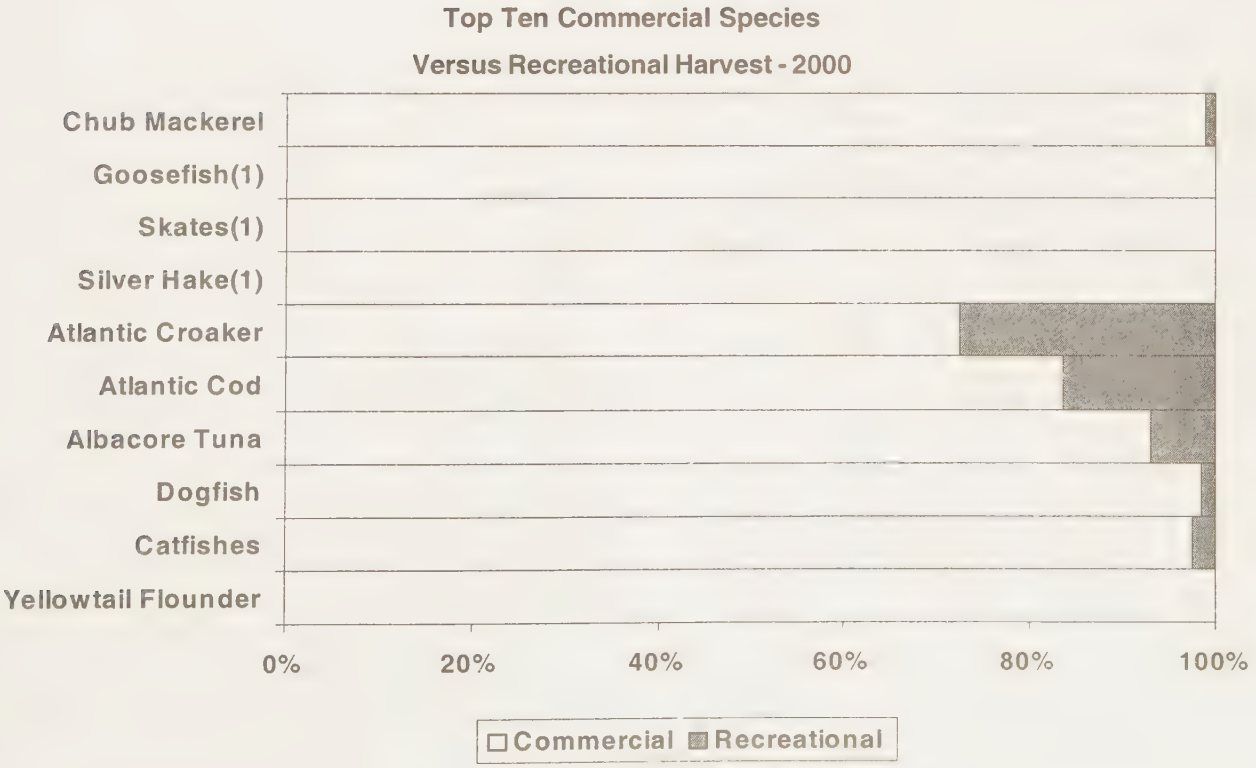
Value of Domestic Commercial Landings and Aquaculture Production



U.S. Commercial Landings

Comparisons between the top ten species in descending order of abundance by weight for U.S. commercial landings and recreational fish harvests. Does not include data for Alaska, Hawaii and Texas because no NMFS recreational surveys are conducted in those states. Menhaden, Pacific Hake, Atlantic Sea Herring and Pacific Sardine were excluded from commercial landings because they are industrial fisheries and recreational anglers do not target them.





(1) Less then 1 percent recreational

DATA COLLECTION. Detailed information on marine recreational fishing is required to support a variety of fishery management and development purposes and is mandated by the Sustainable Fisheries Act, Public Law 94-265. In 1979, NMFS began the comprehensive Marine Recreational Fishery Statistics Survey (MRFSS). Although the recreational harvest is only about 6percent of the total U.S. harvest of finfish for states covered by the MRFSS (see MRFSS coverage on page 28), the fishing activities of millions of marine anglers are important to monitor because they are directed at relatively few species. Data collected through the MRFSS show that recreational fishing significantly impacts the stocks of many marine finfish species. Recreational catches even surpass commercial landings of some species(see figure on preceding page).

METHODS. The MRFSS consists of a telephone survey of coastal county households and a field intercept survey of completed angler fishing trips. The telephone survey collects data on the number of marine recreational fishing trips by residents of coastal counties. The intercept survey collects data on the proportion of fishing trips by residents of non-coastal counties, the species composition of catches, catch rates by species, and lengths and weights of landed fish. These data are combined to produce estimates of catch and effort. Catch estimates are separated into two categories – harvested catch and catch released alive. Harvested catch includes landed fish, catch used for bait, and catch released dead. Whenever possible MRFSS field interviewers identify, count, weigh, and measure landed fish that are available in whole form (catch type A). Angler reports are obtained for catch released alive (catch type B2) and for all other harvested catch (catch type B1), such as catch released dead, used for bait, or landed as fillets. Catch estimates are stratified by subregion, state, wave (bimonthly sampling period), species, fishing mode (private/rental boat, party/charter boat, and shore), primary area fished, and catch type. In addition, economic data are obtained and estimates of participation are produced.

The MRFSS was conducted in 2000 in all coastal states except Texas, Alaska, and Hawaii. It was also conducted in Puerto Rico and the U.S. Virgin Islands for the first time since 1981. Sampling coverage varies across the time series (see MRFSS coverage on page 28). Detailed information and access to the data are available on the Fisheries Statistics and Economics web page (http://www.st.nmfs.gov/st1/recreational/). Data from other NMFS and state surveys (e.g. southeast head boats, Texas, California Passenger Fishing Vessels, Oregon/Washington ocean boats, Pacific salmon, Alaska) are not included in this report.

DATA TABLES. The estimated harvests (numbers and weight of fish) for the continental U.S. (excluding Texas, Alaska, Hawaii, Puerto Rico, and the U.S. Virgin Islands) are presented for 128 commonly caught species. Numbers of fish harvested and released alive are also presented for many important species groups. Estimated harvests are presented by subregion and primary fishing area: inland [sounds, rivers, bays], state territorial seas [ocean to 3 miles from shore, except for Florida's Gulf coast, where state territorial seas extend to 10 miles from shore], and Exclusive Economic Zone (EEZ) [ocean from the outer edge of the state territorial seas to 200 miles from shore]. The total numbers of estimated trips and participants are presented by state.

2000 MRFSS DATA. In 2000, over 9 million people made 76 million marine recreational fishing trips to the Atlantic, Gulf and Pacific coasts. The estimated total marine recreational catch was 429 million fish, of which over 57 percent were released alive. The estimated total weight of harvested catch was 254 million pounds. The Atlantic coast accounted for the majority of total marine angling participation (53 percent), trips (61 percent), and catch (58 percent). The Gulf coast (excluding Texas, see MRFSS coverage page) accounted for 25 percent of participation, 27 percent of trips, and 35 percent of the catch. The Pacific coast accounted for about 22 percent of participants, 12 percent of trips, and 7 percent of the catch. Nationally, most (61 percent in numbers of fish) of the recreational catch came from inland waters, 26 percent from state territorial seas, and 13 percent from the EEZ. The majority of Atlantic and Gulf trips fished primarily in inland waters, while most of the Pacific trips fished in the state territorial seas.

ATLANTIC. In 2000, over 5.5 million marine recreational fishing participants took over 46 million trips and caught a total of more than 252 million fish. Twenty-four percent of the trips were made in east Florida, followed by 14 percent in New Jersey, 13 percent in North Carolina, 10 percent in Massachusetts, 10 percent in New York, 8 percent in Maryland, and 7 percent in Virginia. Together, Connecticut, Rhode Island, and South Carolina accounted for 9 percent of the trips (3 percent each), and Delaware, Maine, Georgia, and New Hampshire accounted for the remaining 5 percent. The most commonly caught non-bait species (in numbers of fish)

were Atlantic croaker, summer flounder, striped bass, black sea bass, and bluefish. The largest harvests by weight were striped bass, dolphin, yellowfin tuna, summer flounder, and bluefish.

The total annual catch of striped bass increased steadily and dramatically from 1.8 million fish in 1990 to 17.5 million fish in 1997. Although striped bass catch dropped to 16.6 million in 1998 and 14.2 million in 1999, it increased again in 2000 to 18.2 million fish. Over 89 percent of the striped bass caught in 2000 were released alive. Annual summer flounder catch has increased from 9.1 million fish in 1990 to over 24 million fish in 2000. Bluefish catch decreased from 16-18 million in 1990-1991 to levels varying between 9 and 13 million from 1992 through 1999, but reached 16 million again in 2000. Black sea bass catch, which has varied between 6 and 16 million fish from 1990 through 1999, exceeded 18 million in 2000.

The species most commonly caught on Atlantic coast trips that fished primarily in federally managed waters were black sea bass, Atlantic croaker, summer flounder, dolphin, bluefish, and Atlantic mackerel. Twenty-six percent of the total Atlantic catch came on saltwater trips that fished primarily in the state territorial seas, and 63 percent came on trips that fished primarily in inland waters.

GULF OF MEXICO. In 2000, over 2.6 million marine recreational fishing participants took over 20.4 million trips and caught a total of 149 million fish (excluding Texas). About 72 percent of the trips were made in west Florida, followed by 18 percent in Louisiana, 5 percent in Alabama, and 5 percent in Mississippi. The most commonly caught non-bait species (numbers of fish) were spotted seatrout (almost 19 percent of total Gulf catch), sand seatrout, red drum, white grunt, Atlantic croaker, red snapper, and gray snapper. The largest harvests by weight were for spotted seatrout, red drum, red snapper, sheepshead, dolphin, king mackerel, and sand seatrout.

Red snapper catches have varied over the last ten years between 1.5 (1991 and 1995) and 3.2 (1999) million fish, with a total catch near the 10-year mean (2.2 million) in 2000. King mackerel catches have varied between 420,000 (1999) and 750,000 (1991, 1996) over the last ten years, with a relatively low total catch of 450,000 in 2000. Spotted seatrout catches have varied between 19 million (1993, 1994, 1996) and 26 million (1991) over the last ten years, with a new high of almost 28 million fish in 2000. Over the last ten years, red drum catches have varied between 5.9 million (1994) and 7.8 million (1992) fish, but catches in 2000 reached a new high of 8.5 million.

The species most commonly caught on Gulf of Mexico trips that fished primarily in federally managed waters were red snapper, white grunt, dolphin, black sea bass, and spotted seatrout. Twenty-seven percent of the total Gulf catch came on trips that fished primarily in the state territorial seas, and 64 percent came on trips that fished primarily in inland waters.

PACIFIC. In 2000, more than 2 million marine recreational fishing participants took 8.4 million trips and caught a total of almost 28 million fish. Seventy percent of the trips were made in CA, followed by 19 percent in WA, and 11 percent in OR. The most commonly caught non-bait species (in numbers of fish) were barred sand bass, kelp bass, surf smelt, black rockfish, California halibut, chub mackerel, Pacific barracuda, and lingcod. By weight, the largest harvests were yellowtail, black rockfish, California halibut, Pacific barracuda, barred sand bass kelp bass, and lingcod.

Total annual catch of lingcod, which has varied between 240,000 (1995) and 390,000 (1999) fish from 1993 through 1999, exceeded 540,000 fish in 2000. Most of this increase was due to fish released alive. Total black rockfish catch, which has varied between 600,000 (1997) and 1.2 million (1998) fish since 1993, exceeded 1.3 million fish in 2000.

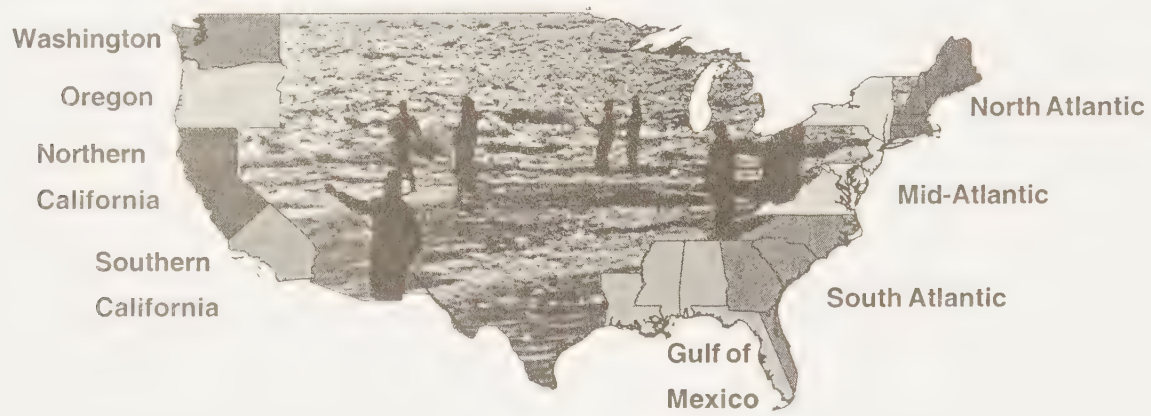
The most commonly caught Pacific coast species in federally managed waters were barred sand bass, chub mackerel, Pacific barracuda, black rockfish, yellowtail rockfish, bocaccio, California scorpionfish, dolphin, and lingcod. Forty-seven percent of the total Pacific catch came from trips that fished primarily in the state territorial seas, and 36 percent came from trips that fished primarily in inland waters.

PUERTO RICO. In 2000, about 230,000 marine recreational participants took 1.2 million trips and caught a total of about 3.5 million fish. The most commonly caught non-bait species (in numbers of fish) were dolphin (182,000 fish) and lane snapper (126,000 fish). Estimated fishing participation, effort and catch data for Puerto Rico have not been included in the tables.

Coverage of Marine Recreational Fishery Statistics Survey

1979-2000

The Marine Recreational Fishery Statistics Survey provides coverage of saltwater sport fishing (including estuarine and brackish water) from private/rental boats, charter and head boats, and the shore. In 2000, the Survey included the Atlantic coast (Maine-East Florida), Gulf coast (Louisiana-West Florida), Pacific coast (Washington through California), and Puerto Rico and U.S. Virgin Islands.



Care is advised when comparing catch estimates for the MRFSS time series because of differences in sampling coverage.

- In the South Atlantic and Gulf sub-regions (NC-LA) the MRFSS has not collected catch data from head boats since 1985, so estimates for these sub-regions now only include charter boats in the for-hire sector.
- Marine recreational fishing in Texas is monitored by the Texas Department of Parks and Wildlife and has not been surveyed by the MRFSS since 1985.
- Prior to 1998, on the Pacific coast, ocean boat trips and salmon trips were not sampled during certain waves because they were surveyed by state natural resource agencies.
- Alaska conducts an annual mail survey and has never been surveyed by the MRFSS.
- Hawaii and West Pacific U.S. territories have not been surveyed by the MRFSS since 1981.
- The U.S. Caribbean (Puerto Rico and U.S. Virgin Islands) was not surveyed between 1981 and 2000.

Historically, only about 5 percent of the annual recreational catch on the Atlantic and Gulf coasts is taken during Wave 1 (January - February). Costs to sample these months are very high due to low fishing activity. Therefore, in Jan/Feb of 1981 the MRFSS was not conducted in any region. In 1982, Jan/Feb data collection resumed on the Pacific and Gulf Coasts and also on the Atlantic Coast of Florida. With a few exceptions (GA 1985-1989, SC 1988, NC 1988-1992), the MRFSS has not been conducted in Jan/Feb on the Atlantic Coast north of Florida since 1980.

Exceptions to MRFSS Coverage:

Nov/Dec (ME & NH) - 1987 to present

Mar/Apr (ME & NH) - 1986 to present

Jan/Feb (No. CA-OR) - 1994

Jan/Feb (So. CA-OR) - 1995

Nov/Dec (OR) - 1994

All Waves (CA-WA) - 1990 to 1993

All Waves (WA) - 1993 to 1994

U.S. RECREATIONAL HARVEST (A+B1), BY SPECIES, 1999 AND 2000

Species	1999			2000			Average (1996-00)
	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds
Anchovies**							
Northern Anchovy	54	24	104	(1)	(1)	425	12
Other Anchovies	(1)	(1)	(1)	(1)	(1)	8	(1)
Barracudas	1,192	541	139	906	411	132	1,387
Bluefish	8,610	3,906	3,856	10,488	4,759	4,842	11,708
California Scorpionfish	297	135	280	199	90	173	245
Cartilaginous Fishes							
Dogfish Sharks**	123	56	61	306	139	72	369
Skates/Rays**	195	88	81	175	80	134	183
Other Sharks**	2,790	1,266	209	3,133	1,422	326	3,256
Catfishes**							
Freshwater Catfishes	343	156	249	365	165	231	563
Saltwater Catfishes	654	297	460	1,060	481	664	948
Cods And Hakes							
Atlantic Cod	2,599	1,179	375	4,907	2,226	776	3,230
Pacific Cod	(1)	(1)	(1)	(1)	(1)	(1)	3
Pacific Hake	2	1	3	(1)	(1)	(1)	2
Pacific Tomcod	(1)	(1)	1	1	(1)	6	2
Pollock	196	89	218	816	370	419	495
Red Hake	59	27	118	16	7	97	148
Other Cods/Hakes	121	55	66	455	207	143	176
Croakers							
California Corbina	15	7	17	6	3	7	21
Queenfish	18	8	122	36	16	122	24
White Croaker	157	71	301	138	63	355	288
Other Croakers	499	226	93	642	291	95	349
Dolphins**	13,423	6,090	2,065	15,855	7,194	2,463	15,384
Drums							
Atlantic Croaker	7,628	3,461	10,090	10,188	4,623	12,102	7,733
Black Drum	2,012	913	723	4,913	2,229	1,280	2,790
Kingfishes	2,187	992	4,118	2,835	1,286	5,291	2,068
Red Drum	10,475	4,753	2,448	15,461	7,015	3,579	12,400
Sand Seatrout	2,833	1285	4,998	2,617	1,187	4,397	2,146
Silver Perch	101	46	373	92	42	628	95
Spot	1,664	755	3,734	2,009	912	4,787	2,300
Spotted Seatrout	13,546	6,146	10,603	16,256	7,376	12,619	12,213
Weakfish**	3,143	1,426	1,652	4,014	1,821	2,019	3,563
Other Drum	212	96	778	123	56	434	131
Eels**	12	5	14	16	7	54	12
Flounders							
California Halibut**	1,297	588	124	1,515	687	161	1,172
Gulf Flounder	229	104	162	272	123	165	217
Rock Sole	7	3	5	10	5	14	17
Sanddabs	82	37	225	225	102	591	150
Southern Flounder	1,456	661	958	1,617	734	993	1,421
Starry Flounder	8	4	11	11	5	6	11
Summer Flounder	8,382	3,803	4,123	15,857	7,195	7,513	11,701
Winter Flounder	768	348	724	1,967	892	1,420	1,345
Other Flounders**	676	307	168	496	225	251	631

See footnotes at end of table.

U.S. RECREATIONAL HARVEST (A+B1), BY SPECIES, 1999 AND 2000

Species	1999			2000			Average (1996-00)
	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds
Greenlings							
Kelp Greenling	115	52	89	150	68	134	148
Lingcod	1,398	634	172	906	411	105	1,120
Other Greenlings	3	2	8	19	9	22	19
Grunts							
Pigfish	357	162	933	352	159	1,082	393
White Grunt	1,381	627	1,749	1,728	784	2,053	1,497
Other Grunts	300	136	577	153	70	591	354
Herrings**	648	294	23,278	542	246	28,663	1,033
Jacks							
Blue Runner	750	340	860	1,681	763	1,996	1,013
Crevalle Jack	1,316	597	612	1,704	773	584	1,589
Florida Pompano	593	269	407	755	342	623	536
Greater Amberjack	2,696	1223	140	1,815	823	91	1,899
Yellowtail	807	366	56	2,333	1,059	166	2,562
Other Jacks	806	366	1360	591	268	1,777	462
Mullets**	2,240	1,016	5,710	2,787	1,265	6,894	2,415
Pacific Barracuda	1,988	902	423	1,523	691	357	1,656
Porgies							
Pinfishes	1,532	695	5,112	2,339	1,061	6,668	1,863
Red Porgy	87	39	81	73	33	58	108
Scup**	1,886	856	3,251	5,181	2,351	6,903	2,260
Sheepshead	4,789	2,173	1,905	5,255	2,384	2,049	4,923
Other Porgies**	102	46	170	145	66	317	205
Puffers	59	27	175	106	48	208	99
Rockfishes							
Black Rockfish	1,706	774	956	2,571	1,166	1,336	1,815
Blue Rockfish	712	323	673	543	247	376	667
Bocaccio	312	141	92	257	117	148	205
Brown Rockfish	149	67	121	119	54	92	115
Canary Rockfish	271	123	163	227	103	126	207
Chilipepper Rockfish	11	5	44	101	46	71	38
Copper Rockfish	223	101	136	142	65	88	219
Gopher Rockfish	123	56	154	143	65	149	97
Greenspotted Rockfish	98	44	133	75	34	98	65
Olive Rockfish	76	34	68	114	52	65	91
Quillback Rockfish	78	35	42	58	27	28	75
Widow Rockfish	78	35	44	40	18	25	64
Yellowtail Rockfish	718	326	403	351	159	230	442
Other Rockfishes**	1,641	744	1,914	761	345	1,182	1,079
Sablefishes	(1)	(1)	(1)	2	1	1	6
Sculpins							
Cabezon	209	95	60	193	87	50	228
Sculpins	13	6	42	7	3	22	20
Sea Basses							
Barred Sand Bass	661	300	456	1,789	812	1,242	1,033
Black Sea Bass	2,245	1019	2,000	4,589	2,082	4,386	3,700
Epinephelus Groupers**	1,405	637	213	2,292	1,040	348	1,323
Kelp Bass	338	154	236	1,017	461	654	696
Mycteroperca Groupers**	4,595	2,085	652	5,339	2,422	747	4,135
Spotted Sand Bass	38	17	30	97	44	77	62
Other Sea Basses	67	30	282	45	21	279	92

See footnotes at end of table.

U.S. RECREATIONAL HARVEST (A+B1), BY SPECIES, 1999 AND 2000

Species	1999			2000			Average (1996-00)
	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds
Sea Chubs**							
Halfmoon	41	19	41	62	28	61	37
Opaleye	49	22	39	54	24	48	50
Other Sea Chubs	2	1	2	(1)	(1)	(1)	1
Searobins	78	35	122	92	42	164	146
Silversides							
Jacksmelt	102	46	272	114	52	267	161
Other Silversides	7	3	44	3	1	31	8
Smelts**							
Surf Smelt	28	13	1,217	128	58	1,777	221
Other Smelts	(1)	(1)	4	(1)	(1)	(1)	(1)
Snappers							
Gray Snapper	1,345	610	1,038	1,790	812	1,231	1,413
Lane Snapper	181	82	195	202	92	207	234
Red Snapper	4,651	2,110	1,266	3,463	1,571	836	3,958
Vermilion Snapper	541	245	540	377	171	366	397
Yellowtail Snapper	326	148	268	308	140	239	411
Other Snappers**	298	135	78	311	141	92	312
Sturgeons	617	280	19	339	154	19	529
Surfperches							
Barred Surfperch	158	72	210	50	23	92	253
Black Perch	27	12	38	34	15	50	51
Pile Perch	20	9	18	14	6	18	50
Redtail Surfperch	57	26	60	120	54	123	82
Shiner Perch	5	2	91	13	6	289	11
Silver Surfperch	29	13	86	4	2	15	18
Striped Seaperch	39	18	44	36	17	36	110
Walleye Surfperch	18	8	68	13	6	49	26
White Seaperch	9	4	21	6	3	7	11
Other Surfperches	53	24	65	30	14	87	56
Temperate Basses							
Striped Bass	14,409	6,538	1,451	17,578	7,975	1,996	15,134
White Perch	426	193	1,113	667	303	1,698	740
Other Temperate Basses	(1)	(1)	(1)	(1)	(1)	(1)	2
Toadfishes	(1)	(1)	9	(1)	(1)	3	1
Triggerfishes/Filefishes	757	343	390	550	250	258	803
Tunas And Mackerels							
Atlantic Mackerel	2,943	1,335	3,236	3,080	1,397	4,037	2,865
King Mackerel**	7,156	3,247	812	8,490	3,852	906	9,274
Little Tunny / Atl.Bonito**	2,633	1,195	382	2,239	1,016	340	2,947
Pacific Bonito**	5	2	2	164	74	87	206
Spanish Mackerel	3,597	1,632	2,540	4,614	2,094	2,981	3,510
Other Tunas/Mackerels**	17,592	7,982	1,359	21,507	9,758	1,508	17,182
Wrasses							
California Sheephead	182	83	63	164	74	82	158
Cunner	61	28	103	48	22	74	32
Tautog	2,532	1,149	688	3,284	1,490	823	2,536
Other Wrasses	182	83	97	86	39	48	161
Other Fishes**	9,854	4,471	6,759	13,183	5,982	20,634	10,295
Total Fish	**198,695**	**90,146**	**135,681**	**254,225**	**115,349**	**184,534**	--

(1) Number or pounds less than 1,000 or less than 1 metric ton.

NOTE:-- ** Fish included in these groups are not equivalent to those with similar names listed in the commercial tables.

U.S. RECREATIONAL HARVEST (A+B1), BY MODE OF FISHING AND SPECIES GROUP, 2000

Species	Mode of fishing									Grand Total		
	Charter boat			Private/Rental boat			Shore					
	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)
Anchovies												
Northern Anchovy	-	-	-	(1)	(1)	7	(1)	(1)	418	(1)	(1)	425
Other Anchovies	-	-	-	-	-	-	(1)	(1)	8	(1)	(1)	8
Barracudas	462	210	50	304	138	42	140	63	39	906	411	131
Bluefish	1,991	903	503	6,241	2,831	2,455	2,257	1,024	1,884	10,489	4,758	4,842
California Scorpionfish	120	55	108	79	36	64	(1)	(1)	(1)	199	91	172
Cartilaginous Fishes												
Dogfish Sharks**	52	24	9	251	114	61	3	1	2	306	139	72
Skates/Rays**	12	5	2	63	29	54	100	46	78	175	80	134
Other Sharks**	425	193	34	2,352	1,067	225	355	161	66	3,132	1,421	325
Catfishes**												
Freshwater Catfishes	2	1	1	109	50	117	254	115	113	365	166	231
Saltwater Catfishes	5	2	4	585	265	351	470	213	310	1,060	480	665
Cods And Hakes												
Atlantic Cod	2,813	1,277	396	2,094	950	380	(1)	(1)	(1)	4,907	2,227	776
Pacific Cod	-	-	-	0	0	0	-	-	-	(1)	(1)	(1)
Pacific Hake	-	-	-	0	0	0	-	-	-	(1)	(1)	(1)
Pacific Tomcod	-	-	-	0	0	1	1	(1)	5	1	(1)	6
Pollock	52	24	34	180	82	319	584	265	67	816	371	420
Red Hake	16	7	87	0	0	10	-	-	-	16	7	97
Other Cods/Hakes	319	145	81	136	62	42	(1)	(1)	21	455	207	144
Croakers												
California Corbina	(1)	(1)	1	(1)	(1)	(1)	6	3	6	6	3	7
Queenfish	1	(1)	1	9	4	20	26	12	101	36	16	122
White Croaker	16	7	33	56	26	159	66	30	162	138	63	354
Other Croakers	186	84	13	426	193	48	31	14	33	643	291	94
Dolphins**	5,904	2,679	848	9,951	4,515	1,615	-	-	-	15,855	7,194	2,463
Drums												
Atlantic Croaker	885	402	1,087	8,279	3,756	9,007	1,025	465	2,008	10,189	4,623	12,102
Black Drum	95	43	20	3,346	1,518	834	1,472	668	426	4,913	2,229	1,280
Kingfishes	26	12	38	1,372	623	2,373	1,436	652	2,880	2,834	1,287	5,291
Red Drum	1,502	681	292	12,174	5,523	2,920	1,785	810	368	15,461	7,014	3,580
Sand Seatrout	93	42	131	1,384	628	2,370	1,139	517	1,895	2,616	1,187	4,396
Silver Perch	(1)	(1)	(1)	6	3	48	86	39	580	92	42	628
Spot	83	38	179	1,246	565	2,660	681	309	1,947	2,010	912	4,786
Spotted Seatrout	1,780	808	956	13,352	6,058	10,732	1,124	510	930	16,256	7,376	12,618
Weakfish**	142	64	105	3,317	1,505	1,729	555	252	185	4,014	1,821	2,019
Other Drum	(1)	(1)	1	107	49	373	16	7	61	123	56	435
Eels**	(1)	(1)	1	2	1	7	14	6	46	16	7	54

See footnotes at end of table.

U.S. RECREATIONAL HARVEST (A+B1), BY MODE OF FISHING AND SPECIES GROUP, 2000

Species	Mode of fishing									Grand Total		
	Charter boat			Private/Rental boat			Shore					
	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)
Flounders												
California Halibut**	237	107	22	1,211	549	131	68	31	8	1,516	687	161
Gulf Flounder	15	7	10	183	83	108	74	34	46	272	124	164
Rock Sole	1	(1)	2	7	3	8	2	1	3	10	4	13
Sanddabs	142	64	373	70	32	182	13	6	36	225	102	591
Southern Flounder	34	15	17	1,222	555	773	361	164	203	1,617	734	993
Starry Flounder	2	1	1	6	3	4	3	1	2	11	5	7
Summer Flounder	1,466	665	624	13,399	6,079	6,339	992	450	550	15,857	7,194	7,513
Winter Flounder	102	46	78	1,440	654	1,037	425	193	304	1,967	893	1,419
Other Flounders**	222	101	14	267	121	198	7	3	39	496	225	251
Greenlings												
Kelp Greenling	21	10	12	96	44	77	33	15	45	150	69	134
Lingcod	262	119	30	608	276	71	37	17	4	907	412	105
Other Greenlings	0	0	0	1	1	2	18	8	21	19	9	23
Grunts												
Pigfish	1	0	1	254	115	750	97	44	331	352	159	1,082
White Grunt	210	95	224	1,432	650	1,701	86	39	129	1,728	784	2,054
Other Grunts	3	1	10	62	28	350	88	40	231	153	69	591
Herrings**	0	0	29	318	144	17,434	224	102	11,200	542	246	28,663
Jacks												
Blue Runner	14	6	14	385	175	334	1,283	582	1,647	1,682	763	1,995
Crevalle Jack	58	26	7	870	395	339	776	352	238	1,704	773	584
Florida Pompano	19	8	12	225	102	142	511	232	469	755	342	623
Greater Amberjack	1,054	478	56	677	307	32	84	38	4	1,815	823	92
Yellowtail	1,321	599	89	1,012	459	77	-	-	-	2,333	1,058	166
Other Jacks	190	86	56	196	89	469	206	93	1,252	592	268	1,777
Mullets**	(1)	(1)	8	1,900	862	3,600	887	403	3,286	2,787	1,265	6,894
Pacific Barracuda	1,246	565	293	276	125	64	(1)	(1)	(1)	1,522	690	357
Porgies												
Pinfishes	17	8	34	1,140	517	3,443	1,183	537	3,191	2,340	1,062	6,668
Red Porgy	35	16	36	38	17	21	-	-	-	73	33	57
Scup**	784	356	1,093	4,063	1,843	5,292	334	151	518	5,181	2,350	6,903
Sheepshead	114	52	40	4,134	1,876	1,587	1,007	457	422	5,255	2,385	2,049
Other Porgies**	16	7	103	80	36	111	48	22	102	144	65	316
Puffers	(1)	(1)	1	37	17	90	68	31	116	105	48	207

See footnotes at end of table.

U.S. RECREATIONAL HARVEST (A+B1), BY MODE OF FISHING AND SPECIES GROUP, 2000

Species	Mode of fishing									Grand Total		
	Charter boat			Private/Rental boat			Shore					
	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)
Rockfishes												
Black Rockfish	1,366	620	677	1,175	533	639	30	13	19	2,571	1,166	1,335
Blue Rockfish	370	168	235	168	76	135	6	3	6	544	247	376
Bocaccio	224	102	128	32	14	20	1	(1)	(1)	257	116	148
Brown Rockfish	57	26	42	61	28	49	1	1	1	119	55	92
Canary Rockfish	181	82	96	46	21	30	-	-	-	227	103	126
Chilipepper Rockfish	87	40	62	14	6	9	-	-	-	101	46	71
Copper Rockfish	63	28	40	78	36	48	1	1	1	142	65	89
Gopher Rockfish	96	44	92	46	21	58	-	-	-	142	65	150
Greenspotted Rockfish	59	27	70	16	7	28	-	-	-	75	34	98
Olive Rockfish	95	43	52	19	8	13	(1)	(1)	(1)	114	51	65
Quillback Rockfish	23	10	12	34	16	16	1	1	1	58	27	29
Widow Rockfish	33	15	22	7	3	3	-	-	-	40	18	25
Yellowtail Rockfish	320	145	207	31	14	23	(1)	(1)	(1)	351	159	230
Other Rockfishes**	363	165	746	392	178	430	6	3	6	761	346	1,182
Sablefishes	2	1	1	-	-	-	-	-	-	2	1	1
Sculpins												
Cabezon	61	28	13	107	49	24	24	11	13	192	88	50
Sculpins	(1)	(1)	(1)	3	1	2	4	2	20	7	3	22
Sea Basses												
Barred Sand Bass	1,041	472	775	738	335	456	10	5	10	1,789	812	1,241
Black Sea Bass	2,073	941	1,768	2,348	1,066	2,444	168	76	174	4,589	2,083	4,386
Epinephelus Groupers**	746	338	120	1,546	701	228	(1)	(1)	(1)	2,292	1,039	348
Kelp Bass	483	219	364	531	241	288	2	1	1	1,016	461	653
Mycteroperca Groupers**	1,437	652	184	3,826	1,736	554	76	34	9	5,339	2,422	747
Spotted Sand Bass	1	(1)	(1)	88	40	70	8	4	6	97	44	76
Other Sea Basses	1	(1)	10	30	14	185	15	7	84	46	21	279
Sea Chubs**												
Halfmoon	51	23	52	8	3	7	3	2	3	62	28	62
Opaleye	2	1	2	41	19	29	10	5	17	53	25	48
Other Sea Chubs	-	-	-	-	-	-	(1)	(1)	(1)	(1)	(1)	(1)
Searobins	(1)	(1)	5	82	37	130	10	5	29	92	42	164
Silversides												
Jacksmelt	(1)	(1)	(1)	37	17	62	76	35	205	113	52	267
Other Silversides	-	-	-	(1)	(1)	5	2	1	26	2	1	31
Surf Smelt	-	-	-	(1)	(1)	1	127	58	1,776	127	58	1,777

See footnotes at end of table.

U.S. RECREATIONAL HARVEST (A+B1), BY MODE OF FISHING AND SPECIES GROUP, 2000

Species	Mode of fishing									Grand Total		
	Charter boat			Private/Rental boat			Shore					
	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)
Snappers												
Gray Snapper	239	109	108	1,231	558	836	320	145	286	1,790	812	1,230
Lane Snapper	50	23	43	145	66	157	7	3	7	202	92	207
Red Snapper	1,513	687	440	1,950	885	395	(1)	(1)	(1)	3,463	1,572	835
Vermilion Snapper	186	85	191	191	87	175	-	-	-	377	172	366
Yellowtail Snapper	60	27	45	229	104	179	19	9	15	308	140	239
Other Snappers**	66	30	18	235	107	70	10	5	4	311	142	92
Sturgeons	15	7	1	258	117	15	66	30	3	339	154	19
Surfperches												
Barred Surfperch	-	-	-	(1)	(1)	(1)	50	23	92	50	23	92
Black Perch	(1)	(1)	(1)	14	7	20	20	9	30	34	16	50
Pile Perch	-	-	-	3	2	5	11	5	13	14	7	18
Redtail Surfperch	-	-	-	1	0	1	119	54	122	120	54	123
Shiner Perch	-	-	-	0	0	14	13	6	276	13	6	290
Silver Surfperch	-	-	-	-	-	-	4	2	15	4	2	15
Striped Seaperch	-	-	-	3	1	3	33	15	33	36	16	36
Walleye Surfperch	-	-	-	2	1	4	11	5	44	13	6	48
White Seaperch	(1)	(1)	(1)	(1)	(1)	(1)	6	3	7	6	3	7
Other Surfperches	(1)	(1)	1	8	4	13	21	10	73	29	14	87
Temperate Basses												
Striped Bass	3,924	1,780	366	12,253	5,560	1,468	1,401	635	162	17,578	7,975	1,996
White Perch	5	2	16	592	269	1,454	70	32	229	667	303	1,699
Other Temperate Basses	-	-	-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Toadfishes	(1)	(1)	(1)	(1)	(1)	1	(1)	(1)	3	(1)	(1)	4
Triggerfishes/Filefishes	194	88	93	329	149	151	27	12	13	550	249	257
Tunas And Mackerels												
Atlantic Mackerel	173	78	248	2,640	1,198	3,334	267	121	456	3,080	1,397	4,038
King Mackerel**	2,444	1,109	282	5,877	2,667	591	168	76	33	8,489	3,852	906
Little Tunny/Atlantic Bonito**	1,004	456	157	1,040	472	148	195	88	35	2,239	1,016	340
Pacific Bonito**	110	50	58	50	23	26	3	1	2	163	74	86
Spanish Mackerel	442	201	288	2,443	1,108	1,546	1,729	785	1,146	4,614	2,094	2,980
Other Tunas/Mackerels**	10,003	4,539	606	11,255	5,107	636	248	112	267	21,506	9,758	1,509
Wrasses												
California Sheephead	63	28	43	99	45	38	2	1	2	164	74	83
[illegible]	1	(1)	2	8	3	10	41	[illegible]	63	48	22	75
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1,173	643	282	[illegible]	81	[illegible]	1,490	824
Other Wrasses	(1)	(1)	(1)	82	37	43	4	2	4	86	39	47
Other Fishes**	1,416	[illegible]	269	10,[illegible]	4,646	2,436	1,828	[illegible]	11,929	[illegible],184	5,982	20,634
Grand Total	56,129	25,464	17,464	103,293	72,364	104,187	29,796	13,526	62,888	254,220	115,354	184,529

(1) Number or pounds less than 1,000 or less than 1 metric ton.

NOTE:– ** Fish included in these groups are not equivalent to those with similar names listed in the commercial tables.

U.S. RECREATIONAL HARVEST (A+B1), BY DISTANCE FROM SHORE AND SPECIES GROUP, 2000

Species	Distance from U.S. shores									Grand Total		
	Inland			0 to 3 miles (2) (State Territorial Sea)			3 to 200 miles (Exclusive Economic Zone)					
	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)
Anchovies												
Northern Anchovy	(1)	(1)	139	(1)	(1)	286	-	-	-	(1)	(1)	425
Other Anchovies	-	-	-	(1)	(1)	8	-	-	-	(1)	(1)	8
Barracudas	117	53	36	310	141	42	479	217	54	906	411	132
Bluefish	4,584	2,080	2,269	4,119	1,869	2,074	1,786	810	499	10,489	4,759	4,842
California Scorpionfish	8	3	9	155	70	133	37	17	31	200	90	173
Cartilaginous Fishes												
Dogfish Sharks**	198	90	45	55	25	14	53	24	13	306	139	72
Skates/Rays**	128	58	105	48	22	26	(1)	(1)	4	176	80	135
Other Sharks**	828	376	129	576	261	128	1,729	784	70	3,133	1,421	327
Catfishes**												
Freshwater Catfishes	365	165	227	(1)	(1)	3	-	-	-	365	165	230
Saltwater Catfishes	658	299	403	385	175	252	17	8	10	1,060	482	665
Cods And Hakes												
Atlantic Cod	357	162	52	595	270	88	3,955	1,794	637	4,907	2,226	777
Pacific Cod	(1)	(1)	(1)	-	-	-	-	-	-	(1)	(1)	(1)
Pacific Hake	-	-	-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Pacific Tomcod	1	(1)	6	-	-	-	-	-	-	1	(1)	6
Pollock	628	285	201	111	50	141	77	35	77	816	370	419
Red Hake	-	-	-	(1)	(1)	80	16	7	17	16	7	97
Other Cods/Hakes	40	18	29	3	1	1	413	187	114	456	206	144
Croakers												
California Corbina	1	1	3	5	2	4	-	-	-	6	3	7
Queenfish	14	6	33	22	10	89	(1)	(1)	(1)	36	16	122
White Croaker	80	36	192	50	23	139	8	4	24	138	63	355
Other Croakers	43	20	43	564	256	50	34	16	2	641	292	95
Dolphins**	-	-	-	1,485	674	266	14,370	6,520	2,197	15,855	7,194	2,463
Drums												
Atlantic Croaker	8,857	4,019	10,631	467	212	696	865	392	775	10,189	4,623	12,102
Black Drum	3,688	1,673	968	1,169	530	299	56	26	14	4,913	2,229	1,281
Kingfishes	1,073	487	2,107	1,732	786	3,127	30	13	57	2,835	1,286	5,291
Red Drum	12,805	5,810	3,104	2,342	1,063	437	314	142	38	15,461	7,015	3,579
Sand Seatrout	1,704	773	3,154	853	387	1,168	59	27	74	2,616	1,187	4,396
Silver Perch	12	5	148	80	36	480	(1)	(1)	(1)	92	41	628
Spot	1,503	682	3,729	490	222	1,018	16	7	40	2,009	911	4,787
Spotted Seatrout	12,944	5,873	10,680	3,089	1,401	1,804	224	102	134	16,257	7,376	12,618
Weakfish**	2,960	1,343	1,479	846	384	428	208	95	112	4,014	1,822	2,019
Other Drum	43	19	167	80	36	265	(1)	(1)	2	123	55	434
Eels**	16	7	53	(1)	(1)	(1)	(1)	(1)	1	16	7	54

See footnotes at end of table.

U.S. RECREATIONAL HARVEST (A+B1), BY DISTANCE FROM SHORE AND SPECIES GROUP, 2000

Species	Distance from U.S. shores									Grand Total		
	Inland			0 to 3 miles (2) (State Territorial Sea)			3 to 200 miles (Exclusive Economic Zone)					
	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)
Flounders												
California Halibut**	418	190	51	998	453	101	100	45	9	1,516	688	161
Gulf Flounder	132	60	87	87	39	53	53	24	25	272	123	165
Rock Sole	9	4	12	1	(1)	2	(1)	(1)	1	10	4	15
Sanddabs	50	23	109	33	15	113	142	64	369	225	102	591
Southern Flounder	1,389	630	849	208	94	130	21	9	13	1,618	733	992
Starry Flounder	4	2	3	6	3	3	1	(1)	(1)	11	5	6
Summer Flounder	8,594	3,899	4,290	5,528	2,508	2,377	1,734	787	846	15,856	7,194	7,513
Winter Flounder	1,369	621	983	577	262	421	20	9	16	1,966	892	1,420
Other Flounders**	135	61	81	54	24	149	308	140	21	497	225	251
Greenlings												
Kelp Greenling	95	43	94	45	20	37	10	5	4	150	68	135
Lingcod	228	103	23	494	224	62	185	84	20	907	411	105
Other Greenlings	7	3	11	12	6	12	(1)	(1)	(1)	19	9	23
Grunts												
Pigfish	248	113	701	85	38	301	18	8	80	351	159	1,082
White Grunt	228	103	287	293	133	385	1,207	548	1,381	1,728	784	2,053
Other Grunts	84	38	166	55	25	216	15	7	209	154	70	591
Herrings**	492	223	19,579	42	19	7,060	9	4	2,024	543	246	28,663
Jacks												
Blue Runner	228	103	214	1,278	580	1,628	175	79	154	1,681	762	1,996
Crevalle Jack	949	431	410	677	307	165	79	36	9	1,705	774	584
Florida Pompano	272	123	167	482	219	456	1	(1)	1	755	342	624
Greater Amberjack	63	29	2	172	78	10	1,580	717	79	1,815	824	91
Yellowtail	(1)	(1)	(1)	1,440	653	98	893	405	68	2,333	1,058	166
Other Jacks	100	45	134	186	85	1,286	305	138	357	591	268	1,777
Mullets**	2,118	961	5,127	666	302	1,735	4	2	33	2,788	1,265	6,895
Pacific Barracuda	27	12	7	548	249	121	947	430	229	1,522	691	357
Porgies												
Pinfishes	1,556	706	4,455	684	310	1,883	99	45	331	2,339	1,061	6,669
Red Porgy	-	-	-	36	16	15	38	17	42	74	33	57
Scup**	3,724	1,690	5,077	1,069	485	1,250	388	176	575	5,181	2,351	6,902
Sheepshead	3,726	1,691	1,506	1,414	642	504	115	52	39	5,255	2,385	2,049
Other Porgies**	33	15	68	50	22	164	62	28	86	145	65	318
Puffers	32	15	74	69	31	122	5	2	12	106	48	208

See footnotes at end of table.

U.S. RECREATIONAL HARVEST (A+B1), BY DISTANCE FROM SHORE AND SPECIES GROUP, 2000

Species	Distance from U.S. shores									Grand Total		
	Inland			0 to 3 miles (2) (State Territorial Sea)			3 to 200 miles (Exclusive Economic Zone)					
	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)
Rockfishes												
Black Rockfish	77	35	47	1,931	876	1,025	562	255	263	2,570	1,166	1,335
Blue Rockfish	7	3	7	405	184	302	131	60	67	543	247	376
Bocaccio	2	1	1	45	20	32	210	95	115	257	116	148
Brown Rockfish	14	6	10	88	40	72	17	8	11	119	54	93
Canary Rockfish	2	1	1	109	50	73	116	52	52	227	103	126
Chilipepper Rockfish	-	-	-	2	1	6	99	45	65	101	46	71
Copper Rockfish	43	19	25	81	37	49	18	8	14	142	64	88
Greenspotted Rockfish	(1)	(1)	(1)	130	59	130	13	6	19	143	65	149
Olive Rockfish	-	-	-	12	6	18	63	28	80	75	34	98
Quillback Rockfish	(1)	(1)	(1)	52	23	33	62	28	32	114	51	65
Rockfishes	26	12	12	25	11	13	8	3	4	59	26	29
Widow Rockfish	-	-	-	3	1	4	38	17	22	41	18	26
Yellowtail Rockfish	1	(1)	(1)	89	41	69	261	119	161	351	160	230
Other Rockfishes**	9	4	5	432	196	711	320	145	466	761	345	1,182
Sablefishes	-	-	-	-	-	-	2	1	1	2	1	1
Sculpins												
Cabezon	31	14	6	147	67	40	15	7	4	193	88	50
Sculpins	6	3	14	1	1	8	(1)	(1)	(1)	7	4	22
Sea Basses												
Barred Sand Bass	135	61	90	924	419	618	731	332	533	1,790	812	1,241
Black Sea Bass	561	254	636	957	434	929	3,071	1,393	2,821	4,589	2,081	4,386
Epinephelus Groupers**	16	7	4	148	67	23	2,127	965	321	2,291	1,039	348
Kelp Bass	20	9	14	924	419	589	72	33	51	1,016	461	654
Mycteroperca Groupers**	372	169	47	984	447	156	3,983	1,807	544	5,339	2,423	747
Spotted Sand Bass	94	43	74	3	1	3	(1)	(1)	(1)	97	44	77
Other Sea Basses	13	6	51	14	7	106	18	8	123	45	21	280
Sea Chubs**												
Halfmoon	3	1	2	59	27	59	(1)	(1)	(1)	62	28	61
Opaleye	9	4	17	45	20	31	-	-	-	54	24	48
Other Sea Chubs	(1)	(1)	(1)		-	-	-	-	-	(1)	(1)	(1)
Searobins	53	24	84	37	17	74	1	1	7	91	42	165
Silversides												
Jacksmelt	50	23	127	63	29	140	(1)	(1)	1	113	52	268
Other Silversides	1	1	20	1	1	11	-	-	-	2	2	31
Surf Smelt	116	53	1,638	12	5	139	-	-	-	128	58	1,777

See footnotes at end of table.

U.S. RECREATIONAL HARVEST (A+B1), BY DISTANCE FROM SHORE AND SPECIES GROUP, 2000

Species	Distance from U.S. shores									Grand Total		
	Inland			0 to 3 miles (2) (State Territorial Sea)			3 to 200 miles (Exclusive Economic Zone)					
	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)
Snappers												
Gray Snapper	597	271	575	511	232	389	682	309	267	1,790	812	1,231
Lane Snapper	27	12	28	34	15	35	141	64	144	202	91	207
Red Snapper	34	15	7	511	232	147	2,918	1,324	682	3,463	1,571	836
Vermilion Snapper	(1)	(1)	(1)	18	8	24	359	163	342	377	171	366
Yellowtail Snapper	28	13	18	63	29	57	216	98	164	307	140	239
Other Snappers**	17	8	10	112	51	28	182	83	54	311	142	92
Sturgeons	333	151	19	7	3	(1)	-	-	-	340	154	19
Surfperches												
Barred Surfperch	(1)	(1)	1	49	22	91	-	-	-	49	22	92
Black Perch	14	7	26	20	9	24	-	-	-	34	16	50
Pile Perch	14	6	17	(1)	(1)	1	-	-	-	14	6	18
Redtail Surfperch	51	23	49	68	31	74	-	-	-	119	54	123
Shiner Perch	12	6	267	(1)	(1)	23	-	-	-	12	6	290
Silver Surfperch	(1)	(1)	1	4	2	15	-	-	-	4	2	16
Striped Seaperch	13	6	15	24	11	21	-	-	-	37	17	36
Walleye Surfperch	3	2	9	10	4	40	-	-	-	13	6	49
White Seaperch	6	3	6	(1)	(1)	1	(1)	(1)	(1)	6	3	7
Other Surfperches	8	4	16	22	10	71	-	-	-	30	14	87
Temperate Basses												
Striped Bass	8,109	3,679	1,247	7,436	3,374	588	2,032	922	161	17,577	7,975	1,996
White Perch	667	303	1,692	(1)	(1)	6	-	-	-	667	303	1,698
Other Temperate Basses	(1)	(1)	(1)	-	-	-	(1)	(1)	(1)	(1)	(1)	(1)
Toadfishes	(1)	(1)	3	(1)	(1)	1	(1)	(1)	(1)	(1)	(1)	4
Triggerfishes/Filefishes	34	16	21	95	43	50	421	191	187	550	250	258
Tunas And Mackerels												
Atlantic Mackerel	1,388	630	1,483	1,225	556	1,920	467	212	634	3,080	1,398	4,037
King Mackerel**	64	29	9	2,204	1,000	280	6,222	2,823	617	8,490	3,852	906
Little Tunny/Atlantic Bonito**	30	14	5	790	358	128	1,419	644	206	2,239	1,016	339
Pacific Bonito**	4	2	2	152	69	82	8	4	3	164	75	87
Spanish Mackerel	1,490	676	937	2,465	1,118	1,698	659	299	346	4,614	2,093	2,981
Other Tunas/Mackerels**	1,869	848	180	1,084	492	419	18,554	8,418	909	21,507	9,758	1,508
Wrasses												
California Sheephead	2	1	2	126	57	61	35	16	19	163	74	82
Cunner	6	3	12	41	19	58	1	1	4	48	23	74
Tautog	1,473	668	380	1,436	652	362	374	170	82	3,283	1,490	824
Other Wrasses	3	1	4	33	15	15	51	23	29	87	39	48
Other Fishes**	5,168	2,345	18,356	4,895	2,221	1,766	3,120	1,416	512	13,183	5,982	20,634
Grand Total	**103,090**	**46,775**	**113,037**	**68,078**	**30,887**	**48,343**	**83,059**	**37,684**	**23,168**	**254,227**	**115,346**	**184,548**

(1) Number or pounds less than 1,000 or less than 1 metric ton.

(2) Except West Florida where the state territorial seas extend 0 to 10 miles.

NOTE:– ** Fish included in these groups are not equivalent to those with similar names listed in the commercial tables.

U.S. RECREATIONAL HARVEST (A+B1) AND TOTAL LIVE RELEASES (B2), BY SPECIES GROUP, 1991-2000

Year	Barracudas			Bluefish		
	Pounds harvested (thousand)	Number Harvested (thousands)	Number Released (thousands)	Pounds harvested (thousand)	Number Harvested (thousands)	Number Released (thousands)
1991	1,349	227	755	33,957	12,420	6,831
1992	1,105	173	627	24,775	7,479	4,511
1993	1,323	196	592	20,636	5,917	4,384
1994	1,656	211	695	15,988	6,056	6,349
1995	1,627	246	673	14,897	5,411	5,552
1996	1,956	229	616	12,116	4,426	5,591
1997	1,718	162	437	14,555	5,585	7,609
1998	1,162	150	396	12,774	4,430	5,340
1999	1,192	139	393	8,610	3,856	8,022
2000	906	132	368	10,488	4,842	11,109

Year	Cartilaginous Fishes			Catfishes		
	Pounds harvested (thousand)	Number Harvested (thousands)	Number Released (thousands)	Pounds harvested (thousand)	Number Harvested (thousands)	Number Released (thousands)
1991	2,466	682	4,067	3,770	2,479	16,741
1992	5,074	544	4,113	2,180	1,704	12,862
1993	5,294	646	4,708	2,158	1,764	12,017
1994	4,349	596	5,903	1,886	1,595	14,223
1995	9,953	602	5,449	1,565	1,259	13,496
1996	4,954	557	6,107	1,585	1,008	8,334
1997	4,048	565	6,791	1,886	916	8,573
1998	3,312	523	6,787	1,663	973	7,961
1999	3,108	351	6,181	997	709	7,702
2000	3,614	532	8,581	1,425	895	11,016

Year	Cods and Hakes			Dolphins		
	Pounds harvested (thousand)	Number Harvested (thousands)	Number Released (thousands)	Pounds harvested (thousand)	Number Harvested (thousands)	Number Released (thousands)
1991	10,561	2,802	951	17,205	2,618	524
1992	2,994	1,178	473	9,788	1,318	166
1993	7,484	1,953	1,477	10,894	1,762	177
1994	5,123	1,636	1,590	12,795	2,215	236
1995	6,019	1,648	1,600	19,565	2,268	337
1996	3,906	877	832	12,508	1,668	241
1997	3,651	1,043	782	23,015	2,283	234
1998	3,551	849	1,049	12,121	1,889	187
1999	2,977	781	974	13,423	2,065	217
2000	6,195	1,441	1,977	15,855	2,463	300

See footnotes at end of table.

U.S. RECREATIONAL HARVEST (A+B1) AND TOTAL LIVE RELEASES (B2), BY SPECIES GROUP, 1991-2000

Year	Drums			Flounders		
	Pounds harvested (thousand)	Number Harvested (thousands)	Number Released (thousands)	Pounds harvested (thousand)	Number Harvested (thousands)	Number Released (thousands)
1991	40,235	49,310	56,405	13,136	10,954	12,772
1992	35,270	40,647	35,462	10,101	7,303	8,775
1993	33,673	38,143	39,676	13,252	10,525	10,430
1994	38,698	48,715	48,958	13,815	9,890	15,270
1995	42,200	41,412	41,611	11,270	6,666	16,079
1996	39,059	35,128	38,042	14,858	10,526	16,087
1997	44,586	39,757	50,684	16,967	10,286	16,640
1998	41,245	36,520	44,142	16,614	9,207	19,214
1999	43,801	39,517	49,966	12,905	6,500	19,060
2000	58,508	47,136	61,165	21,970	11,114	21,782

Year	Grunts			Herrings		
	Pounds harvested (thousand)	Number Harvested (thousands)	Number Released (thousands)	Pounds harvested (thousand)	Number Harvested (thousands)	Number Released (thousands)
1991	3,176	5,125	10,713	3,082	31,300	2,041
1992	2,979	4,831	6,757	2,034	23,974	4,360
1993	2,347	4,462	7,107	753	28,244	1,486
1994	2,890	5,632	8,256	762	26,411	2,183
1995	3,111	5,534	7,868	976	26,010	3,997
1996	2,449	3,962	6,395	1,096	22,735	8,400
1997	2,596	4,558	6,798	1,913	36,824	2,188
1998	1,903	3,436	5,805	964	26,927	1,216
1999	2,038	3,259	7,210	648	23,278	2,020
2000	2,233	3,726	6,256	542	28,663	1,734

Year	Jacks			Mullets		
	Pounds harvested (thousand)	Number Harvested (thousands)	Number Released (thousands)	Pounds harvested (thousand)	Number Harvested (thousands)	Number Released (thousands)
1991	7,479	5,185	5,240	5,036	4,883	79
1992	5,935	5,550	6,017	5,185	5,240	1,000
1993	8,423	5,783	6,659	2,389	3,947	234
1994	6,270	4,151	7,197	3,095	3,893	1,000
1995	4,878	3,318	5,630	2,115	4,180	794
1996	6,057	3,625	5,091	1,902	2,796	1,000
1997	8,179	4,954	7,179	2,473	2,857	1,000
1998	10,218	4,200	7,959	2,673	3,240	1,000
1999	6,968	3,435	6,775	2,240	5,710	1,000
2000	8,879	5,237	7,530	2,787	6,894	2,000

See footnotes at end of page.

U.S. RECREATIONAL HARVEST (A+B1) AND TOTAL LIVE RELEASES (B2), BY SPECIES GROUP, 1991-2000

Year	Porgies			Puffers		
	Pounds harvested (thousand)	Number Harvested (thousands)	Number Released (thousands)	Pounds harvested (thousand)	Number Harvested (thousands)	Number Released (thousands)
1991	14,608	23,440	14,999	302	830	2,066
1992	13,390	17,502	12,316	359	743	1,357
1993	11,373	15,738	10,584	167	338	986
1994	10,055	13,659	13,049	97	248	893
1995	10,982	14,696	12,175	132	255	694
1996	9,180	13,475	11,115	115	247	579
1997	8,495	13,113	14,589	153	284	762
1998	7,733	10,777	13,803	63	148	615
1999	8,396	10,519	12,630	59	175	1,117
2000	12,993	15,995	16,418	106	208	1,145

Year	Sculpins			Sea Basses		
	Pounds harvested (thousand)	Number Harvested (thousands)	Number Released (thousands)	Pounds harvested (thousand)	Number Harvested (thousands)	Number Released (thousands)
1991	2	2	53	10,401	9,003	14,985
1992	7	9	45	9,759	6,628	12,587
1993	278	245	858	14,289	10,715	13,853
1994	187	87	289	11,787	7,921	14,503
1995	191	140	453	15,323	10,970	17,394
1996	294	164	386	10,893	7,413	12,838
1997	213	138	468	11,315	7,927	15,895
1998	311	129	319	8,478	3,560	11,888
1999	222	102	228	9,349	3,869	14,627
2000	200	72	453	15,168	7,733	26,068

Year	Searobins			Snappers		
	Pounds harvested (thousand)	Number Harvested (thousands)	Number Released (thousands)	Pounds harvested (thousand)	Number Harvested (thousands)	Number Released (thousands)
1991	317	486	7,788	7,669	5,485	11,338
1992	205	261	4,507	7,430	4,208	7,447
1993	156	245	7,481	8,213	4,989	7,940
1994	48	125	4,582	7,227	4,083	6,397
1995	22	101	4,710	6,158	3,534	6,591
1996	212	193	5,094	5,150	2,674	6,147
1997	242	238	5,528	7,585	3,504	8,259
1998	106	202	3,796	7,098	3,341	7,361
1999	78	122	5,950	7,342	3,385	7,332
2000	92	164	7,407	6,451	2,971	7,940

See footnotes at end of table.

U.S. RECREATIONAL HARVEST (A+B1) AND TOTAL LIVE RELEASES (B2), BY SPECIES GROUP, 1991-2000

Year	Temperate Basses			Toadfishes		
	Pounds harvested (thousand)	Number Harvested (thousands)	Number Released (thousands)	Pounds harvested (thousand)	Number Harvested (thousands)	Number Released (thousands)
1991	4,541	2,494	5,396	7	134	2,867
1992	4,683	1,977	5,538	19	152	1,631
1993	6,783	2,895	7,321	17	39	2,638
1994	7,888	2,827	10,490	28	61	1,720
1995	13,439	2,382	12,303	1	30	1,618
1996	14,538	3,560	14,882	1	14	1,048
1997	17,677	4,314	20,155	(1)	33	1,120
1998	14,080	3,323	18,577	2	10	998
1999	14,835	2,564	15,526	(1)	9	911
2000	18,245	3,694	20,588	(1)	3	1,432

Year	Triggerfishes/Filefishes			Tunas And Mackerels		
	Pounds harvested (thousand)	Number Harvested (thousands)	Number Released (thousands)	Pounds harvested (thousand)	Number Harvested (thousands)	Number Released (thousands)
1991	2,428	1,000	427	33,098	10,783	2,949
1992	1,654	796	307	24,513	7,067	3,027
1993	1,547	767	232	31,258	8,603	5,487
1994	1,414	740	179	36,281	12,039	5,507
1995	1,207	671	192	37,424	9,257	5,811
1996	848	468	268	34,412	9,164	6,477
1997	1,086	511	232	41,142	11,500	6,619
1998	775	390	233	30,347	7,207	4,114
1999	757	390	196	33,926	8,331	3,916
2000	550	258	194	40,094	9,859	5,343

Year	Wrasses			California Scorpionfish		
	Pounds harvested (thousand)	Number Harvested (thousands)	Number Released (thousands)	Pounds harvested (thousand)	Number Harvested (thousands)	Number Released (thousands)
1991	8,696	3,518	4,611	-	-	-
1992	8,238	3,088	3,313	-	-	-
1993	6,536	2,879	3,532	166	148	72
1994	4,148	1,761	2,484	258	242	126
1995	5,129	2,058	3,287	224	212	139
1996	3,547	1,292	1,740	339	342	234
1997	2,596	929	1,820	206	243	132
1998	1,756	572	2,053	185	160	66
1999	2,957	951	3,101	297	280	105
2000	3,582	1,027	2,373	199	173	232

See footnotes at end of table.

U.S. RECREATIONAL HARVEST (A+B1) AND TOTAL LIVE RELEASES (B2), BY SPECIES GROUP, 1991-2000

Year	Croakers			Greenlings		
	Pounds harvested (thousand)	Number Harvested (thousands)	Number Released (thousands)	Pounds harvested (thousand)	Number Harvested (thousands)	Number Released (thousands)
	583	1,217	1,145	1,814	497	174
	446	739	521	1,016	294	109
	695	1,132	673	962	252	144
	913	1,544	864	1,369	408	285
	556	774	712	1,061	299	244
	425	610	355	1,407	270	299
	689	533	469	1,516	269	248
	822	579	659	1,075	261	542

Year	Pacific Barracuda			Rockfishes		
	Pounds harvested (thousand)	Number Harvested (thousands)	Number Released (thousands)	Pounds harvested (thousand)	Number Harvested (thousands)	Number Released (thousands)
	1,687	428	822	6,087	4,901	1,447
	2,015	526	1,239	4,810	3,797	698
	2,490	563	816	4,188	2,918	666
	1,011	234	350	4,811	3,740	808
	1,699	374	475	3,796	2,986	679
	2,057	450	752	5,592	4,134	735
1999	1,988	423	475	6,196	4,943	478
2000	1,523	357	526	5,502	4,014	590

Year	Sea Chubs			Silversides		
	Pounds harvested (thousand)	Number Harvested (thousands)	Number Released (thousands)	Pounds harvested (thousand)	Number Harvested (thousands)	Number Released (thousands)
	87	129	59	439	1,078	152
	106	107	42	138	323	96
	224	217	31	317	801	171
	78	72	18	296	658	120
	66	58	12	169	492	242
	87	108	46	152	395	158
	92	82	13	109	316	96
	116	109	71	117	298	46

Year	Smelts			Surfperches		
	Pounds harvested (thousand)	Number Harvested (thousands)	Number Released (thousands)	Pounds harvested (thousand)	Number Harvested (thousands)	Number Released (thousands)
	159	1,628	31	756	1,364	608
	90	1,208	(1)	442	819	365
	122	1,416	(1)	710	1,181	648
	474	4,351	4	950	1,464	686
	120	1,617	9	640	1,179	755
	357	4,825	9	1,006	1,435	488
	28	1,221	7	415	701	356
	128	1,777	3	320	766	430

or pounds less than 1,000 or less than 1 metric ton.

The MRFSS was not conducted on the Pacific Coast from 1990 to 1992.

U.S. RECREATIONAL FINFISH HARVEST (A+B1) AND RELEASED (B2), BY STATE, 1999 and 2000

State	1999		
	Pounds Harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)
Maine	802	944	917
New Hampshire	833	606	526
Massachusetts	7,626	3,731	7,218
Rhode Island	3,817	2,191	2,675
Connecticut	2,575	1,366	3,191
New York	9,733	4,028	9,541
New Jersey	14,181	5,627	22,082
Delaware	2,021	1,486	3,592
Maryland	5,396	4,100	13,079
Virginia	11,507	9,518	12,851
North Carolina	18,034	6,392	10,256
South Carolina	2,628	2,190	2,722
Georgia	1,772	1,792	485
Florida	60,483	59,837	75,436
Alabama	6,568	3,678	4,631
Mississippi	3,027	3,090	1,656
Louisiana	20,977	12,444	14,477
Washington	3,088	2,480	1,776
Oregon	2,927	1,154	265
California	20,682	9,002	5,768
Grand Total	**198,677**	**135,656**	**193,144**

State	2000		
	Pounds Harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)
Maine	1,494	1,581	1,455
New Hampshire	1,041	882	912
Massachusetts	14,949	5,634	11,746
Rhode Island	6,546	2,886	3,525
Connecticut	2,878	5,410	4,156
New York	16,329	19,552	13,259
New Jersey	23,892	11,139	24,673
Delaware	3,332	1,689	4,045
Maryland	8,589	7,632	21,380
Virginia	12,734	8,734	17,025
North Carolina	21,505	8,455	13,722
South Carolina	2,712	1,852	3,547
Georgia	2,114	1,852	3,120
Florida	64,207	69,508	80,691
Alabama	5,895	3,290	4,181
Mississippi	2,744	2,534	2,376
Louisiana	31,197	17,074	22,142
Washington	4,558	2,979	2,344
Oregon	5,290	1,699	500
California	22,217	10,158	10,080
Grand Total	**254,223**	**184,540**	**244,879**

U.S. RECREATIONAL NUMBERS OF ANGLERS AND TRIPS BY STATES, 1999 AND 2000

State	1999			
	Out-of-State Anglers	In-State Anglers		Number of Angler Trips
		From Coastal Counties	From Non-Coastal Counties	
	Numbers in thousands			
Maine	95	112	10	629
New Hampshire	60	55	8	285
Massachusetts	174	240	57	2,983
Rhode Island	214	108	-	1,262
Connecticut	55	243	-	1,319
New York	28	337	11	2,903
New Jersey	303	493	30	4,825
Delaware	168	69	-	800
Maryland	349	383	41	2,883
Virginia	187	309	66	2,694
North Carolina	805	324	164	4,555
South Carolina	221	132	61	1,213
Georgia	20	59	32	473
Florida	2,282	2,154	-	19,491
Alabama	143	131	92	1,170
Mississippi	75	76	26	806
Louisiana	91	409	33	2,621
Washington	31	329	23	1,256
Oregon	55	184	14	554
California	158	956	53	4,150
Grand Total		**7,103**	**721**	**56,872**

State	2000			
	Out-of-State Anglers	In-State Anglers		Number of Angler Trips
		From Coastal Counties	From Non-Coastal Counties	
	Numbers in thousands			
Maine	143	132	19	851
New Hampshire	82	74	10	356
Massachusetts	256	474	87	4,450
Rhode Island	172	104	-	1,280
Connecticut	50	211	-	1,434
New York	19	448	11	4,444
New Jersey	417	528	16	6,277
Delaware	190	78	-	1,038
Maryland	465	446	50	3,722
Virginia	254	376	65	3,286
North Carolina	1,204	392	216	6,091
South Carolina	236	182	66	1,277
Georgia	43	86	82	764
Florida	2,854	2,970	-	25,789
Alabama	122	142	82	1,097
Mississippi	43	155	25	1,061
Louisiana	102	533	64	3,654
Washington	47	418	32	1,627
Oregon	80	263	22	901
California	220	1,422	63	5,949
Grand Total		**9,434**	**910**	**75,348**

NOTE: All counties in RI, CT, DE, and FL are considered coastal.

NOTE: Out-of-state angler estimates are not additive across states.

WORLD AQUACULTURE AND COMMERCIAL CATCHES, 1990-99

Year	World aquaculture			World commercial catch			Grand Total
	Inland	Marine	Total	Inland	Marine	Total	
	Metric tons Live weight			Metric tons Live weight			
1990	8,078,609	4,995,719	13,074,328	6,451,259	79,101,299	85,552,558	98,626,886
1991	8,368,459	5,371,579	13,740,038	6,212,660	78,332,030	84,544,690	98,284,728
1992	9,303,412	6,123,867	15,427,279	6,149,462	79,268,731	85,418,193	100,845,472
1993	10,501,604	7,333,308	17,834,912	6,533,030	80,055,436	86,588,466	104,423,378
1994	12,076,448	8,687,421	20,763,869	6,719,851	84,866,032	91,585,883	112,349,752
1995	14,043,180	10,449,864	24,493,044	7,264,708	84,606,586	91,871,294	116,364,338
1996	15,891,101	10,856,257	26,747,358	7,397,876	86,133,131	93,531,007	120,278,365
1997	17,485,633	11,242,532	28,728,165	7,505,685	86,260,651	93,766,336	122,494,501
1998	18,658,642	12,134,859	30,793,501	7,948,993	78,984,128	86,933,121	117,726,622
1999	20,022,908	13,287,441	33,310,349	8,260,155	84,606,398	92,866,553	126,176,902

Note:--Data for marine mammals and aquatic plants are excluded.
Source:--Food and Agriculture Organization of the United Nations (FAO).

WORLD AQUACULTURE AND COMMERCIAL CATCHES OF FISH, CRUSTACEANS, AND MOLLUSKS, 1998-99

Species group	1998			1999		
	Aquaculture	Catch	Total	Aquaculture	Catch	Total
	Metric tons- Live-weight			Metric tons- Live-weight		
Herrings, sardines, anchovies	-	16,713,557	16,713,557	-	22,715,856	22,715,856
Carps, barbels, cyprinids	14,060,568	590,924	14,651,492	14,901,545	764,963	15,666,508
Cods, hakes, haddocks	148	10,315,000	10,315,148	149	9,405,265	9,405,414
Jacks, mullets, sauries	201,542	8,486,225	8,687,767	208,929	7,715,792	7,924,721
Redfish, basses, congers	201,926	7,017,982	7,219,908	232,037	6,832,401	7,064,438
Tunas, bonitos, billfishes	5,140	5,783,867	5,789,007	6,365	5,975,643	5,982,008
Mackerel, snoeks, cutlassfishes	-	5,045,631	5,045,631	-	5,114,146	5,114,146
Salmons, trouts, smelts	1,290,118	887,235	2,177,353	1,391,615	911,630	2,303,245
Tilapias	960,370	601,075	1,561,445	1,099,268	636,164	1,735,432
Flatfish	33,445	930,513	963,958	33,050	957,691	990,741
Shads	-	791,021	791,021	-	842,392	842,392
Sharks, rays, chimaeras	-	806,066	806,066	-	822,189	822,189
River eels	226,124	12,287	238,411	227,704	11,728	239,432
Sturgeons, paddlefish	2,034	3,777	5,811	2,706	2,950	5,656
Other fishes	3,068,623	15,306,125	18,374,748	3,358,417	15,922,004	19,280,421
Shrimp	1,074,878	2,740,140	3,815,018	1,130,737	2,890,784	4,021,521
Crabs	79,621	1,215,470	1,295,091	103,650	1,190,814	1,294,464
Lobsters	40	296,024	296,064	58	312,914	312,972
Krill	-	81,216	81,216	-	103,318	103,318
Other crustaceans	298,741	2,044,692	2,343,433	349,497	1,788,432	2,137,929
Oysters	3,539,385	160,303	3,699,688	3,711,606	157,538	3,869,144
Clams, cockles, arkshells	2,262,637	826,861	3,089,498	2,744,846	812,501	3,557,347
Squids, cuttlefishes, octopus	33	2,633,270	2,633,303	33	3,373,463	3,373,496
Mussels	1,377,631	250,134	1,627,765	1,451,032	237,823	1,688,855
Scallops	874,630	522,360	1,396,990	951,866	567,507	1,519,373
Abalones, winkles, conchs	3,149	95,945	99,094	2,694	105,047	107,741
Other mollusks	1,123,189	2,152,395	3,275,584	1,270,001	2,093,873	3,363,874
Sea urchins, other echinoderms	30	107,188	107,218	-	118,750	118,750
Miscellaneous	109,499	515,838	625,337	132,544	482,975	615,519
Total	**30,793,501**	**86,933,121**	**117,726,622**	**33,310,349**	**92,866,553**	**126,176,902**

Note:--Data for 1998 are revised. Data for marine mammals and aquatic plants are excluded.
Source:--Food and Agriculture Organization of the United Nations (FAO).

WORLD AQUACULTURE AND COMMERCIAL CATCHES BY COUNTRY OF FISH, CRUSTACEANS, AND MOLLUSKS, 1998-99

Country	1998			1999		
	Aquaculture	Catch	Total	Aquaculture	Catch	Total
	----------Metric tons----------			----------Metric tons----------		
		Live-weight			Live-weight	
China	20,795,367	17,229,927	38,025,294	22,789,887	17,240,032	40,029,919
Peru	7,732	4,338,437	4,346,169	8,275	8,429,290	8,437,565
Japan	766,812	5,263,384	6,030,196	759,262	5,176,460	5,935,722
India	2,029,831	3,214,765	5,244,596	2,035,488	3,316,815	5,352,303
Chile	293,044	3,265,383	3,558,427	274,216	5,050,528	5,324,744
United States	445,123	4,708,980	5,154,103	478,679	4,749,645	5,228,324
Indonesia	629,797	3,964,897	4,594,694	647,640	4,149,420	4,797,060
Russian Federation	63,195	4,454,759	4,517,954	68,615	4,141,157	4,209,772
Thailand	607,673	2,900,320	3,507,993	602,807	3,004,900	3,607,707
Norway	408,862	2,850,565	3,259,427	466,035	2,620,073	3,086,108
South Korea	327,462	2,026,934	2,354,396	303,106	2,119,668	2,422,774
Philippines	312,077	1,833,458	2,145,535	328,375	1,870,450	2,198,825
Viet Nam	521,870	1,130,660	1,652,530	594,910	1,200,000	1,794,910
Iceland	3,868	1,681,951	1,685,819	3,897	1,736,267	1,740,164
Bangladesh	514,842	839,141	1,353,983	620,114	924,056	1,544,170
Spain	313,518	1,215,645	1,529,163	317,796	1,167,242	1,485,038
Denmark	42,368	1,557,335	1,599,703	42,653	1,405,011	1,447,664
Malaysia	133,635	1,153,719	1,287,354	155,127	1,251,768	1,406,895
Taiwan	240,435	1,091,768	1,332,203	247,732	1,099,715	1,347,447
Mexico	40,989	1,174,742	1,215,731	48,414	1,202,178	1,250,592
All others	2,295,001	21,036,351	23,331,352	2,517,321	21,011,878	23,529,199
Total	**30,793,501**	**86,933,121**	**117,726,622**	**33,310,349**	**92,866,553**	**126,176,902**

Note:--For the United States the weight of clams, oyster, scallop, and other mollusk includes the shell weight. This weight is not included in U.S. landings shown elsewhere. Data for marine mammals and aquatic plants are excluded.
Source:--Food and Agriculture Organization of the United Nations (FAO).

WORLD AQUACULTURE AND COMMERCIAL CATCHES BY AREA OF FISH, CRUSTACEANS, AND MOLLUSKS, 1998-99

Country	1998			1999		
	Aquaculture	Catch	Total	Aquaculture	Catch	Total
	----------Metric tons----------			----------Metric tons----------		
Marine Areas		Live-weight			Live-weight	
Atlantic Ocean:						
Northeast	1,236,198	10,950,950	12,187,148	1,330,071	10,489,900	11,819,971
Northwest	69,668	1,965,310	2,034,978	89,557	2,031,043	2,120,600
Eastern central	-	3,786,983	3,786,983	5	3,590,989	3,590,994
Western central	70,043	1,776,660	1,846,703	74,798	1,777,837	1,852,635
Southeast	3,276	1,246,364	1,249,640	2,892	1,250,377	1,253,269
Southwest	15,349	2,326,510	2,341,859	25,424	2,497,129	2,522,553
Mediterranean and Black Sea	327,241	1,406,361	1,733,602	354,731	1,536,148	1,890,879
Indian Ocean:						
Eastern	371,976	4,409,780	4,781,756	391,553	4,553,818	4,945,371
Western	46,403	3,726,554	3,772,957	69,104	3,894,642	3,963,746
Pacific Ocean:						
Northeast	82,296	2,792,459	2,874,755	94,012	2,590,369	2,684,381
Northwest	8,752,368	24,782,356	33,534,724	9,715,417	24,121,117	33,836,534
Eastern central	52,761	1,393,066	1,445,827	49,639	1,443,728	1,493,367
Western central	560,267	9,444,827	10,005,094	584,317	9,754,321	10,338,638
Southeast	440,975	8,028,269	8,469,244	400,091	14,171,040	14,571,131
Southwest	106,038	852,712	958,750	105,830	780,390	886,220
Antarctic	-	94,967	94,967	-	123,550	123,550
Inland Areas						
Africa	163,809	1,985,909	2,149,718	251,021	1,987,411	2,238,432
Asia	17,513,305	4,985,121	22,498,426	18,716,969	5,266,415	23,983,384
Europe	433,631	434,994	868,625	455,151	470,567	925,718
North America	402,211	197,669	599,880	440,518	187,854	628,372
South America	142,180	323,441	465,621	156,169	324,559	480,728
Oceania	3,506	21,859	25,365	3,080	23,349	26,429
Total	**30,793,501**	**86,933,121**	**117,726,622**	**33,310,349**	**92,866,553**	**126,176,902**

Note:--Data for marine mammals and aquatic plants are excluded.
Source:--Food and Agriculture Organization of the United Nations (FAO).

WORLD IMPORTS AND EXPORTS OF SEVEN FISHERY COMMODITY GROUPS, BY LEADING COUNTRIES, 1995-99

Country	1995	1996	1997	1998	1999
	Thousand U.S. dollars				
IMPORTS:					
Japan	17,853,481	17,023,945	15,539,507	12,826,543	14,748,712
United States	7,141,428	7,080,411	8,138,840	8,578,766	9,407,307
Spain	3,105,684	3,134,893	3,069,601	3,545,751	3,286,831
France	3,221,298	3,194,133	3,062,051	3,505,333	3,280,940
Italy	2,281,316	2,590,985	2,571,868	2,808,587	2,728,568
Germany	2,478,817	2,542,957	2,362,914	2,623,741	2,288,523
United Kingdom	1,910,091	2,065,025	2,141,619	2,384,028	2,276,998
Denmark	1,573,732	1,618,669	1,521,181	1,704,234	1,771,500
Hong Kong	1,831,511	1,928,143	2,096,894	1,611,747	1,593,661
Canada	1,034,070	1,158,864	1,129,210	1,194,583	1,338,973
Other Countries	13,687,212	14,920,464	15,027,372	14,301,148	14,802,483
Total	**56,118,640**	**57,258,489**	**56,661,057**	**55,084,461**	**57,524,496**
EXPORTS:					
Thailand	4,449,457	4,117,865	4,329,541	4,031,279	4,109,860
Norway	3,122,662	3,415,696	3,399,229	3,661,174	3,764,790
China	2,835,021	2,856,986	2,937,281	2,656,117	2,959,530
United States	3,383,589	3,147,858	2,850,311	2,400,338	2,945,014
Denmark	2,459,629	2,698,976	2,648,911	2,897,707	2,884,334
Canada	2,314,413	2,291,261	2,270,725	2,265,236	2,617,759
Taiwan	1,809,166	1,762,132	1,779,800	1,579,836	1,763,572
Netherlands	1,447,239	1,470,046	1,425,544	1,364,809	1,744,665
Chile	1,704,260	1,697,211	1,781,805	1,596,800	1,696,819
Spain	1,190,676	1,447,170	1,471,306	1,529,315	1,604,237
Other Countries	27,002,622	27,892,294	28,525,781	27,205,430	26,787,310
Total	**51,718,734**	**52,797,495**	**53,420,234**	**51,188,041**	**52,877,890**

Note:-- Data for 1995-1998 are revised. Data on imports and exports cover the international trade of 176 countries or areas. The total value of exports is consistently less than the value of imports, probably because charges for insurance, freight, and similar expenses were included in the import value, but not in the export value. The seven fishery commodity groups covered by this table are: 1. Fish, fresh, chilled or frozen; 2. Fish, dried, salted, or smoked; 3. Crustaceans and mollusks, fresh, dried, salted, etc.; 4. Fish products and preparations, whether or not in airtight containers; 5. Crustacean and mollusk products preparations, whether or not in airtight containers; 6. Oils and fats, crude or refined, of aquatic animal origin; and 7. Meals, solubles, and similar animal foodstuffs of aquatic animal origin.
Source:—Food and Agriculture Organization of the United Nations (FAO).

DISPOSITION OF WORLD AQUACULTURE AND COMMERCIAL CATCHES, 1995-99

Item	1995	1996	1997	1998	1999
	Percent of Total				
Marketed fresh	29.9	31.3	34.2	35.5	35.3
Frozen	23.0	22.7	22.4	23.2	21.6
Canned	11.3	10.8	10.9	11.3	10.8
Cured	10.1	10.0	9.2	9.9	9.3
Reduced to meal and oil (1)	24.0	23.4	21.5	18.3	21.0
Miscellaneous purposes	1.7	1.8	1.8	1.8	2.0
Total	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**

Note:-- Data for 1995-1998 are revised. Data for marine mammals and aquatic plants are excluded. (1) Only whole fish destined for the manufacture of oils and meals are included. Raw material for reduction derived from fish primarily destined for marketing fresh, frozen, canned, cured, and miscellaneous purposes is excluded; such waste quantities are included under the other disposition channels.
Source:—Food and Agriculture Organization of the United Nations (FAO).

FRESH AND FROZEN

FISH FILLETS AND STEAKS. In 2000 the U.S. production of raw (uncooked) fish fillets and steaks, including blocks, was 369.3 million pounds--7.0 million pounds less than the 362.3 million pounds in 1999. These fillets and steaks were valued at $829.5 million. Alaska pollock fillets and blocks led all species with 160.1 million pounds--43 percent of the total. Production of groundfish fillets and steaks was 233.2 million pounds.

FISH STICKS AND PORTIONS. The combined production of fish sticks and portions was 227.2 million pounds valued at $283.4 million compared with the 1999 production of 268.3 million pounds valued at $332.5 million.

The total production of fish sticks amounted to 40.5 million pounds valued at $43.1 million. The total production of fish portions amounted to 186.7 million pounds valued at $240.3 million.

BREADED SHRIMP. The production of breaded shrimp in 2000 was 121.5 million pounds valued at $375.9 million, compared with the 1999 production of 119.1 million pounds valued at $351.9 million.

FROZEN FISHERY TRADE. In 2000, stocks of frozen fishery products in cold storage were at a low of 342.7 million pounds on June 30 and a high of 416.0 million pounds on October 31. Cold storage holdings of shrimp products were at a high of 53.8 million pounds on January 31 and a low of 35.6 million pounds on June 30. Holdings of saltwater fillets and steaks reached a high of 119.5 million pounds on April 30 and were at a low of 80.0 million pounds on January 31. Holdings of blocks and slabs were at a high of 43.7 million pounds on January 31 and a low of 21.7 million pounds on November 30. Surimi reached a high of 20.4 million pounds on November 30 and was at a low of 11.6 million pounds on February 29. Analog Products reached a high of 6.3 million pounds on November 30 and a low of 4.4 million pounds on March 31.

CANNED PRODUCTS

CANNED FISHERY PRODUCTS. The pack of canned fishery products in the 50 states, American Samoa, and Puerto Rico was 1.7 billion pounds valued at $1.6 billion--a decrease of 152.7 million pounds and $238.9 million compared with the 1999 pack. The 2000 pack included 1.0 billion pounds valued at $1.3 billion for human consumption and 738.8 million pounds valued at $292.0 million for bait and animal food.

CANNED SALMON. The 2000 U.S. pack of salmon was 171.1 million pounds valued at $287.9 million, compared with 234.2 million pounds valued at $393.1 million packed in 1999.

CANNED SARDINES. The pack of Maine sardines (small herring) can not be shown due to the confidential nature of the data.

CANNED TUNA. The U.S. pack of tuna was 671.3 million pounds valued at $855.4 million--a decrease of 22.5 million pounds in quantity and $90.3 million in value compared with the 1999 pack. The pack of albacore tuna was 192.7 million pounds comprising 29 percent of the pack in 2000. Lightmeat tuna (bigeye, bluefin, skipjack, and yellowfin) comprised the remainder with a pack of 478.7 million pounds.

CANNED CLAMS. The 2000 U.S. pack of clams (whole, minced, chowder, juice, and specialties) was 124.8 million pounds valued at $117.3 million. The pack of whole and minced clams was 42.7 million pounds and accounted for 34 percent of the total clam pack. Clam chowder and clam juice was 73.2 million pounds and made up the majority of the pack.

OTHER CANNED ITEMS. The pack of pet food was 738.8 million pounds valued at $292.0 million--a decrease of 57.9 million pounds compared with the 1999 pack.

INDUSTRIAL FISHERY PRODUCTS

INDUSTRIAL FISHERY PRODUCTS. The value of the domestic production of industrial fishery products was $218.1 million--a decrease of $50.1 million compared with the 1999 value of $268.2 million.

FISH MEAL. The domestic production of fish and shellfish meal was 638.2 million pounds valued at $114.9 million--a decrease of 48.0 million pounds and $32.1 million compared with 1999. Fish meal production was 627.2 million pounds valued at $114.2 million – a decrease of 44.6 million pounds and $31.9 million from the 1999 production. Shellfish meal production was 11.1 million pounds--a decrease of 3.4 million pounds from the 1999.

FISH OILS. The domestic production of fish oils was 192.3 million pounds valued at $20.9 million--a decrease

of 93.8 million pounds and $21.0 million in value compared with 1999 production.

OTHER INDUSTRIAL PRODUCTS. Oyster shell products, together with agar-agar, animal feeds, crab and clam shells processed for food serving, fish pellets, Irish moss extracts, kelp products, dry and liquid fertilizers, pearl essence, and mussel shell buttons were valued at $82.3 million, compared with $79.3 million in 1999--an increase of $3.0 million.

VALUE OF PROCESSED FISHERY PRODUCTS, 1999 AND 2000
(Processed from domestic catch and imported products)

Item	1999 (1)		2000	
	Thousand dollars	Percent of total	Thousand dollars	Percent of total
Edible:				
Fresh and frozen	5,051,343	69	5,275,955	73
Canned	1,521,880	21	1,330,520	18
Cured	151,802	2	121,008	2
Total edible	**6,725,025**	**92**	**6,727,483**	**93**
Industrial:				
Bait and animal food (canned)	339,548	5	291,992	4
Meal and oil	188,854	3	135,815	2
Other	79,325	1	82,273	1
Total industrial	**607,727**	**8**	**510,080**	**7**
Grand total	**7,332,752**	**100**	**7,237,563**	**100**

(1) Revised. May not add due to rounding. Value is based on selling price at the plant.

U.S. PRODUCTION OF FISH STICKS, FISH PORTIONS, AND BREADED SHRIMP, 1991-2000

Year	Fish sticks			Fish portions			Breaded shrimp		
	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars
1991	63,286	28,706	77,877	204,697	92,850	313,400	116,335	52,769	335,880
1992	58,295	26,442	56,020	194,307	88,137	296,214	122,266	55,459	350,497
1993	67,959	30,826	67,975	206,165	93,516	313,195	111,489	50,571	316,722
1994	58,789	26,667	51,429	196,289	89,036	268,353	113,461	51,466	304,931
1995	74,066	33,596	73,478	251,217	113,951	356,518	100,522	45,596	299,355
1996	65,244	29,594	55,802	213,962	97,053	306,501	108,486	49,209	341,770
1997	69,167	31,374	64,298	195,554	88,703	285,348	117,471	53,284	334,939
1998	68,778	31,197	63,473	184,681	83,771	211,356	109,481	49,660	333,257
1999	65,019	29,492	63,396	203,279	92,207	269,125	119,149	54,046	351,891
2000	40,472	18,358	43,092	186,691	84,682	240,316	121,541	55,131	375,929

PRODUCTION OF FRESH AND FROZEN FILLETS AND STEAKS, BY SPECIES, 1999 AND 2000

Species	1999 (1)			2000		
	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars
Fillets:						
Amberjack	157	71	673	180	82	769
Anglerfish	2,620	1,188	8,651	2,712	1,230	7,701
Bluefish	136	62	354	112	51	236
Cod	61,321	27,815	108,496	55,512	25,180	164,936
Cusk	115	52	383	82	37	293
Dolphin	3,088	1,401	14,166	3,391	1,538	14,703
Drum	58	26	219	7	3	29
Flounders	22,939	10,405	66,746	27,082	12,284	72,311
Groupers	1,767	802	11,670	1,907	865	13,292
Haddock	4,818	2,185	20,455	4,683	2,124	20,752
Hake	4,877	2,212	6,192	8,400	3,810	6,354
Halibut	3,928	1,782	21,220	3,061	1,388	16,078
Lingcod	307	139	905	188	85	540
Marlins	611	277	1,876	632	287	1,769
Ocean perch:						
Atlantic	738	335	2,445	503	228	1,503
Pacific	1,456	660	3,088	2,181	989	4,963
Pollock:						
Atlantic	1,644	746	3,725	1,703	772	3,655
Alaska	143,796	65,225	168,476	160,122	72,631	178,594
Rockfishes	10,809	4,903	23,096	10,845	4,919	25,109
Sablefish	22	10	92	188	85	806
Salmon	27,709	12,569	77,479	23,399	10,614	66,688
Sea bass	567	257	4,111	395	179	2,705
Sea trout	215	98	872	157	71	681
Shark	1,024	464	2,355	770	349	1,925
Snapper	1,510	685	9,632	1,688	766	11,600
Swordfish	8,892	4,033	43,269	5,251	2,382	29,284
Tilapia	629	285	1,791	673	305	1,837
Tuna	11,632	5,276	73,888	8,536	3,872	54,741
Wahoo	263	119	1,327	248	112	1,328
Whitefish	919	417	2,371	804	365	2,142
Wolffish	82	37	202	48	22	125
Unclassified	18,390	8,342	58,441	12,037	5,460	41,319
Total	**337,039**	**152,880**	**738,666**	**337,497**	**153,088**	**748,768**
Steaks:						
Halibut	6,724	3,050	27,155	8,045	3,649	34,333
Salmon	1,244	564	3,112	1,973	895	6,826
Swordfish	3,092	1,403	13,633	2,735	1,241	11,301
Tuna	4,368	1,981	14,457	4,039	1,832	12,457
Unclassified	9,836	4,462	9,752	15,022	6,814	15,849
Total	**25,264**	**11,460**	**68,109**	**31,814**	**14,431**	**80,766**
Grand total	**362,303**	**164,340**	**806,775**	**369,311**	**167,518**	**829,534**

(1) Revised.

Note:--Some fillet products were further processed into frozen blocks.

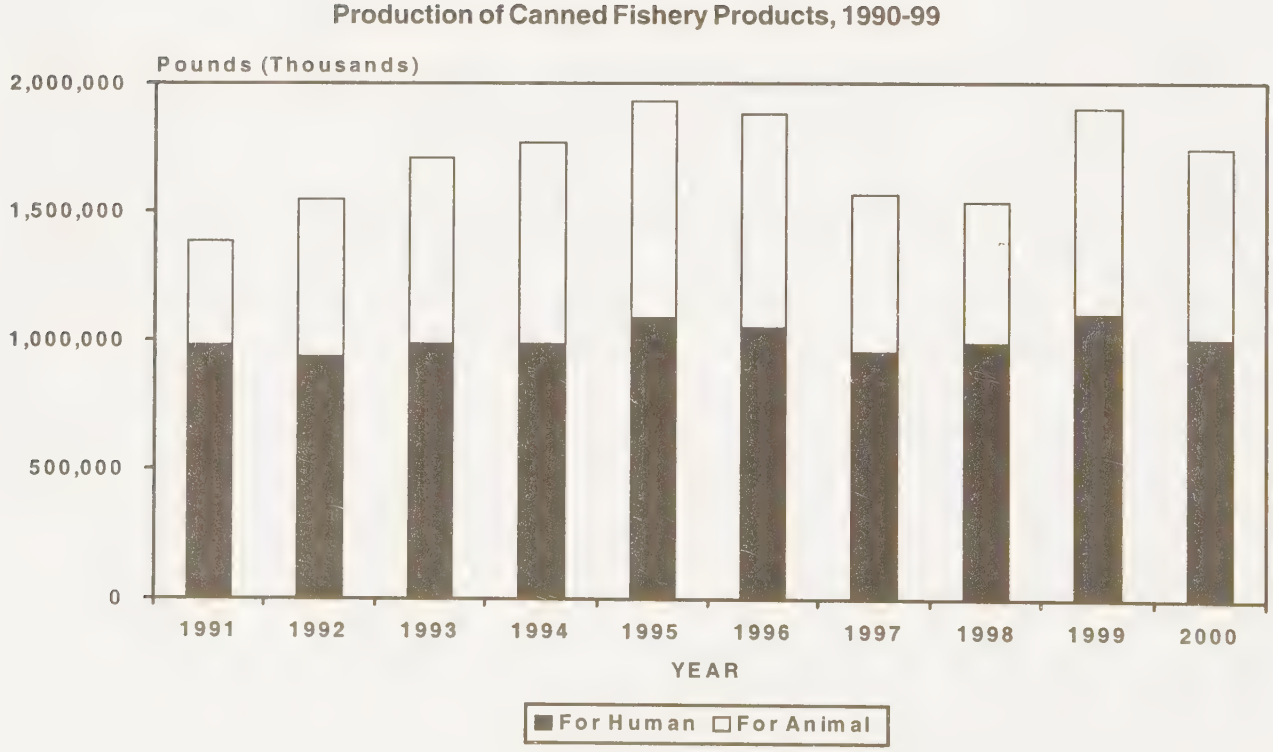
PRODUCTION OF CANNED FISHERY PRODUCTS, BY SPECIES, 1999 AND 2000

Species	Pounds per case	1999 (1)			2000		
		Standard cases	Thousand pounds	Thousand dollars	Standard cases	Thousand pounds	Thousand dollars
For human consumption:							
Fish:							
Herring	23.4	158,846	3,717	6,709	(5)	(5)	(5)
Salmon:							
Chinook	44.25	2,644	117	290	2,689	119	146
Chum	44.25	171,322	7,581	6,079	192,814	8,532	6,406
Pink	44.25	3,904,068	172,755	195,269	2,352,972	104,119	111,517
Coho	44.25	42,305	1,872	3,834	75,684	3,349	5,624
Sockeye	44.25	1,171,299	51,830	187,600	1,243,073	55,006	164,171
Total salmon		**5,291,638**	**234,155**	**393,072**	**3,867,232**	**171,125**	**287,864**
Specialties	48	13,188	633	6,526	15,958	766	6,204
Sardines, Maine	23.4	513,547	12,017	20,107	(5)	(5)	(5)
Tuna: (2)							
Albacore:							
Solid	18	10,061,333	181,104	349,891	8,887,444	159,974	334,473
Chunk	18	1,784,389	32,119	61,731	1,815,667	32,682	58,408
Total albacore		**11,845,722**	**213,223**	**411,622**	**10,703,111**	**192,656**	**392,881**
Lightmeat:							
Solid	18	624,389	11,239	16,536	424,667	7,644	10,590
Chunk	18	26,075,222	469,354	517,623	26,168,333	471,030	451,964
Total lightmeat		**26,699,611**	**480,593**	**534,159**	**26,593,000**	**478,674**	**462,554**
Total tuna		**38,545,333**	**693,816**	**945,781**	**37,296,111**	**671,330**	**855,435**
Specialties	48	563	27	173	625	30	251
Other	48	322,833	15,496	18,269	623,458	29,926	44,331
Total fish	--	**44,845,948**	**959,861**	**1,390,637**	**41,803,384**	**873,177**	**1,194,085**
Shellfish:							
Clam and clam products: (3)							
Whole and minced	15	2,826,933	42,404	64,182	2,846,800	42,702	69,827
Chowder and juice	30	2,447,600	73,428	39,512	2,439,500	73,185	40,314
Specialties	48	158,875	7,626	6,360	186,438	8,949	7,114
Total clams	--	**5,433,408**	**123,458**	**110,054**	**5,472,738**	**124,836**	**117,255**
Crabs, natural	20	1,385	27	264	1,436	28	490
Lobster meat and specialties	48	9,729	467	525	9,542	458	536
Oyster, specialties	48	1,042	50	110	7,667	368	526
Shrimp, natural (4)	6.75	289,630	1,955	9,639	282,963	1,910	11,430
Other	48	302,313	14,511	10,651	99,979	4,799	6,198
Total shellfish	--	**6,037,506**	**140,468**	**131,243**	**5,874,324**	**132,399**	**136,435**
Total for human consumption	--	**50,883,454**	**1,100,329**	**1,521,880**	**47,677,708**	**1,005,576**	**1,330,520**
For bait and animal food	48	16,599,354	796,769	339,548	15,392,104	738,821	291,992
Grand total	--	**67,482,808**	**1,897,098**	**1,861,428**	**63,069,812**	**1,744,397**	**1,622,512**

(1) Revised.
(2) Flakes included with chunk.
(3) "Cut out" or "drained" weight of can contents are given for whole or minced clams, and net contents for other clam products.
(4) Drained weight.
(5) Confidential included with 'Other.'

PRODUCTION OF CANNED FISHERY PRODUCTS, 1991-2000

Year	For human consumption			For animal food and bait			Total		
	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars
1991	981,275	445,103	1,439,362	404,440	183,453	204,917	1,385,715	628,556	1,644,279
1992	936,117	424,620	1,330,173	607,678	275,641	247,261	1,543,795	700,261	1,577,434
1993	983,225	445,988	1,375,377	725,822	329,231	312,597	1,709,047	775,219	1,687,974
1994	985,675	447,099	1,470,234	782,272	354,836	325,264	1,767,947	801,935	1,795,498
1995	1,084,866	492,092	1,544,208	842,351	382,088	342,842	1,927,217	874,180	1,887,050
1996	1,052,909	477,596	1,428,937	824,094	373,807	370,945	1,877,003	851,403	1,799,882
1997	952,755	432,167	1,361,437	612,320	277,747	231,756	1,565,075	709,913	1,593,193
1998	988,693	448,468	1,425,564	544,328	246,906	349,765	1,533,021	695,374	1,775,329
1999	1,100,329	499,106	1,521,880	796,769	361,412	339,548	1,897,098	860,518	1,861,428
2000	1,005,576	456,126	1,330,520	738,821	335,127	291,992	1,744,397	791,253	1,622,512



PRODUCTION OF MEAL AND OIL, 1999 AND 2000

Product	1999			2000		
	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars
Dried scrap and meal:						
Fish	671,794	304,724	146,140	627,176	284,485	114,247
Shellfish	14,456	6,557	830	11,064	5,019	654
Total, scrap and meal	**686,250**	**311,281**	**146,970**	**638,240**	**289,504**	**114,901**
Body oil, total	**286,182**	**129,811**	**41,884**	**192,348**	**87,248**	**20,914**

Note:--To convert pounds of oil to gallons divide by 7.75.
The above data includes products in American Samoa and Puerto Rico.

PRODUCTION OF INDUSTRIAL PRODUCTS, 1991-2000

Year	Scrap and meal		Marine animal oil		Meal and oil	Other industrial products	Grand total
	Thousand pounds	Metric tons	Thousand pounds	Metric tons	Thousand dollars		
1991	612,716	277,926	267,345	121,267	170,495	37,707	208,202
1992	644,512	292,349	184,725	83,791	157,693	45,310	203,003
1993	750,744	340,535	293,452	133,109	182,170	43,689	225,859
1994	807,833	366,431	291,882	132,397	186,222	61,992	248,214
1995	667,240	302,658	241,941	109,744	172,279	74,264	246,543
1996	643,124	291,719	248,399	112,673	187,968	85,583	273,551
1997	724,668	328,707	283,379	128,540	229,222	118,128	347,350
1998	613,434	278,252	222,697	101,015	172,574	60,800	233,374
1999	686,250	311,281	286,182	129,811	188,854	79,325	268,179
2000	638,240	289,504	192,348	87,248	135,815	82,273	218,088

Note:--Does not include the value of imported items that may be further processed.

U.S. COLD STORAGE HOLDINGS OF FISHERY PRODUCTS, 2000

Species	January	February	March	April	May	June
Fish	Thousand pounds					
Saltwater:						
Blocks and slabs:						
Cod	4,073	3,340	3,242	2,679	2,959	2,637
Flounder and sole	863	456	440	318	223	188
Haddock	355	675	145	85	148	216
Ocean perch	293	211	257	289	377	232
Pollock:						
Alaska (walleye)	12,237	11,479	11,738	9,923	7,894	5,703
Atlantic or other	14,266	12,979	9,285	7,308	6,608	6,167
Whiting:						
Silver (Atlantic) hake	453	398	375	81	188	212
Pacific hake	69	34	17	280	0	43
Minced	8,499	6,541	7,279	6,788	8,611	8,112
Unclassified (1)	2,630	2,302	1,632	2,231	2,017	5,437
Total, blocks and slabs	**43,739**	**38,414**	**34,409**	**29,981**	**29,027**	**28,948**
Fillets and steaks:						
Cod	20,626	27,711	34,518	40,493	40,628	37,173
Flounder and sole	4,728	4,221	3,890	3,533	5,517	5,477
Haddock	1,982	1,791	1,659	721	2,367	2,160
Halibut	2,058	2,010	1,859	2,728	1,748	2,092
Ocean perch	2,290	1,859	1,573	1,547	1,460	1,217
Pollock:						
Alaska (walleye)	19,664	22,822	32,744	46,241	40,646	34,306
Atlantic or other	2,972	2,797	2,471	1,969	1,870	2,186
Rockfish	331	258	288	116	205	155
Salmon	3,796	3,192	2,948	3,027	2,911	2,860
Whiting:						
Silver (Atlantic) hake	3,999	4,031	3,721	2,883	5,122	2,033
Pacific hake	5,763	5,234	4,872	4,611	875	995
Unclassified	11,765	11,030	9,444	11,611	11,256	7,806
Total, fillets and steaks	**79,973**	**86,956**	**99,988**	**119,482**	**114,606**	**98,459**
Round, dressed, etc.:						
Halibut (exc. California)	5,177	4,003	3,259	2,849	3,969	4,941
Sablefish	98	352	87	106	644	747
Salmon:						
Chinook or king	738	456	384	265	444	563
Silver or coho	2,479	1,968	1,506	1,339	948	765
Chum or fall	19,329	14,913	10,062	6,305	3,899	5,718
Pink	5,754	4,031	3,439	2,212	1,641	636
Sockeye	2,498	1,811	1,356	1,006	796	759
Unclassified	2,263	1,774	1,909	1,578	1,448	1,416
Total, salmon	**33,061**	**24,952**	**18,657**	**12,705**	**9,176**	**9,856**
Whiting:						
Silver (Atlantic) hake	304	163	136	241	739	420
Pacific hake	591	114	151	49	334	151
Unclassified (exc. bait)	25,708	28,455	29,430	25,354	22,071	23,865
Total, round, dressed, etc.	**64,939**	**58,040**	**51,719**	**41,303**	**36,934**	**39,980**

See footnotes at end of table.

(Continued)

U.S. COLD STORAGE HOLDINGS OF FISHERY PRODUCTS, 2000 - Continued						
Species	July	August	September	October	November	December
Fish	Thousand pounds					
Saltwater:						
Blocks and slabs:						
Cod	2,146	1,993	1,820	1,935	1,749	1,871
Flounder and sole	301	245	276	254	178	338
Haddock	190	151	290	286	312	407
Ocean perch	178	138	238	197	204	310
Pollock:						
Alaska (walleye)	4,644	6,571	7,438	9,363	6,877	8,138
Atlantic or other	4,771	3,833	4,915	5,471	2,489	8,978
Whiting:						
Silver (Atlantic) hake	221	314	335	569	614	546
Pacific hake	30	28	0	0	0	0
Minced	8,164	7,264	6,459	6,585	7,778	8,244
Unclassified (1)	2,505	2,064	1,718	1,645	1,538	1,591
Total, blocks and slabs	**23,149**	**22,601**	**23,489**	**26,306**	**21,739**	**30,422**
Fillets and steaks:						
Cod	35,669	32,063	30,036	28,975	28,158	26,463
Flounder and sole	4,253	4,709	6,631	5,125	5,169	5,153
Haddock	2,408	2,246	2,107	2,032	1,967	2,306
Halibut	2,095	2,349	2,410	2,486	2,641	2,447
Ocean perch	1,096	1,099	1,035	973	968	1,162
Pollock:						
Alaska (walleye)	32,204	33,385	32,738	36,888	30,255	25,903
Atlantic or other	1,905	2,138	1,997	2,094	2,371	2,573
Rockfish	147	867	767	750	654	651
Salmon	3,906	4,663	5,403	5,668	4,830	5,161
Whiting:						
Silver (Atlantic) hake	1,337	1,304	2,118	2,108	4,354	4,258
Pacific hake	145	182	58	61	58	74
Unclassified	10,871	8,405	9,974	8,934	10,119	11,031
Total, fillets and steaks	**96,037**	**93,410**	**95,275**	**96,092**	**91,542**	**87,179**
Round, dressed, etc.:						
Halibut (exc. California)	5,920	7,974	9,806	10,377	10,608	8,568
Sablefish	677	986	1,547	874	664	569
Salmon:						
Chinook or king	1,609	1,874	2,212	2,295	1,763	1,430
Silver or coho	1,762	4,526	8,474	8,811	8,318	7,733
Chum or fall	27,800	42,135	41,172	35,299	29,932	24,707
Pink	496	2,154	3,912	3,352	2,362	2,191
Sockeye	3,029	4,685	4,589	3,720	2,387	1,892
Unclassified	2,942	4,485	5,127	5,035	4,405	3,688
Total, salmon	**37,638**	**59,859**	**65,485**	**58,513**	**49,165**	**41,642**
Whiting:						
Silver (Atlantic) hake	495	367	339	416	252	141
Pacific hake	46	5	0	0	69	28
Unclassified (exc. bait)	22,497	25,339	24,895	29,850	20,922	24,911
Total, round, dressed, etc.	**67,274**	**94,531**	**102,072**	**100,031**	**81,680**	**75,860**

See footnotes at end of table.

(Continued)

U.S. COLD STORAGE HOLDINGS OF FISHERY PRODUCTS, 2000 - Continued

Species	January	February	March	April	May	June
	Thousand pounds					
Fish						
Fish sticks and portions (2):	**24,497**	**22,655**	**17,772**	**19,069**	**26,667**	**23,800**
Analog products	4,915	5,035	4,411	5,018	5,893	5,264
Surimi: Pollock	10,130	8,886	15,858	15,888	13,846	12,165
Other	2,535	2,740	3,131	2,462	3,941	5,363
Total, saltwater	**230,727**	**222,727**	**227,289**	**233,203**	**230,913**	**213,979**
Freshwater						
Fillets and steaks:	239	186	177	211	172	93
Catfish	13,366	13,099	12,371	11,704	11,413	11,357
Rainbow trout	649	685	696	749	729	712
Unclassified (exc. bait)	215	221	188	481	521	343
Total, freshwater	**14,470**	**14,192**	**13,432**	**13,146**	**12,835**	**12,505**
Bait & animal food	8,063	9,374	15,884	18,151	**18,636**	**18,904**
Shellfish						
Clams and clam meats	2,989	3,038	2,500	1,972	4,457	2,910
Crabs:						
Dungeness	2,840	3,286	3,038	2,258	1,113	1,110
King:						
Meat	301	282	313	121	214	255
Sections	8,580	9,220	7,487	6,386	5,458	5,973
Snow:						
Meat	1,134	1,316	1,207	911	702	880
Sections	14,759	14,649	13,061	15,764	18,267	16,368
Unclassified	2,251	2,162	1,921	1,314	1,515	3,360
Total, crab	**29,865**	**30,915**	**27,028**	**26,754**	**27,269**	**27,947**
Lobsters:						
Spiny (tails)	631	619	628	527	346	357
Unclassified (whole & meat)	6,911	5,967	4,916	4,480	3,668	3,826
Oyster meats	224	316	462	432	659	719
Scallop meats	5,190	5,235	5,013	5,361	8,589	4,771
Shrimp:						
Raw, headless	9,327	8,659	7,727	6,311	5,939	5,807
Breaded	4,767	4,821	4,055	4,086	3,977	4,152
Peeled	25,108	21,836	17,570	14,234	13,935	14,411
Unclassified	14,570	17,262	16,621	13,332	13,082	11,210
Total, shrimp	**53,772**	**52,578**	**45,974**	**37,963**	**36,933**	**35,581**
Squid	24,084	15,096	15,226	13,495	10,903	8,759
Unclassified shellfish	11,323	10,721	9,268	9,714	11,568	12,011
Total, shellfish	**134,989**	**124,487**	**111,015**	**100,699**	**104,392**	**96,880**
Total, fish and shellfish	**388,248**	**370,781**	**367,620**	**365,199**	**366,776**	**342,269**
Cured fish (all categories)	**848**	**733**	**1,877**	**1,282**	**1,028**	**462**
Grand total	**389,096**	**371,514**	**369,498**	**366,480**	**367,804**	**342,731**

See footnotes at end of table.

(Continued)

U.S. COLD STORAGE HOLDINGS OF FISHERY PRODUCTS, 2000 - Continued

Species	July	August	September	October	November	December
	Thousand pounds					
Fish						
Fish sticks and portions (2):	**22,803**	**22,315**	**31,390**	**30,446**	**33,380**	**33,992**
Analog products	5,269	4,709	4,624	4,902	6,302	5,012
Surimi: Pollock	13,701	13,874	16,071	17,343	16,638	13,914
Other	3,902	3,580	3,190	2,965	3,720	5,485
Total, saltwater	**232,136**	**255,020**	**276,112**	**278,085**	**255,001**	**251,863**
Freshwater:						
Fillets and steaks	133	224	169	227	220	230
Catfish	10,057	10,645	11,927	12,906	14,327	14,041
Rainbow trout	617	750	617	619	551	675
Unclassified (exc. bait)	274	239	387	368	297	316
Total, freshwater	**11,082**	**11,858**	**13,100**	**14,120**	**15,394**	**15,262**
Bait & animal food	**18,808**	**17,518**	**15,322**	**13,188**	**11,788**	**11,053**
Shellfish						
Clams and clam meats	2,720	2,867	2,110	2,581	2,442	1,783
Crabs:						
Dungeness	1,319	1,314	1,159	1,197	1,146	761
King:						
Meat	256	153	112	149	99	98
Sections	5,808	5,606	4,762	5,290	6,291	6,877
Snow:						
Meat	1,118	1,156	791	4,093	952	995
Sections	16,080	15,801	15,752	11,867	13,597	13,545
Unclassified	4,402	5,590	5,550	5,662	3,808	4,528
Total, crab	**28,983**	**29,620**	**28,125**	**28,258**	**25,893**	**26,805**
Lobsters:						
Spiny (tails)	357	1,361	277	441	1,880	2,046
Unclassified (whole & meat)	3,587	4,579	5,138	5,638	4,708	5,297
Oyster meats	618	458	356	342	173	147
Scallop meats	5,106	1,757	5,026	5,161	5,734	6,238
Shrimp:						
Raw, headless	5,727	6,142	7,133	8,609	5,807	5,548
Breaded	3,825	3,859	3,906	3,635	3,626	3,716
Peeled	18,851	20,146	20,847	21,980	20,277	19,893
Unclassified	10,425	12,367	11,362	15,322	13,730	13,867
Total, shrimp	**38,828**	**42,514**	**43,248**	**49,546**	**43,440**	**43,024**
Squid	6,557	2,486	4,588	5,175	7,770	13,445
Unclassified shellfish	11,236	13,574	10,449	11,451	11,736	12,729
Total, shellfish	**97,992**	**99,215**	**99,318**	**108,593**	**103,775**	**111,514**
Total, fish and shellfish	**360,018**	**383,610**	**403,852**	**413,986**	**385,958**	**389,691**
Cured fish (all categories)	**1,092**	**943**	**2,135**	**2,050**	**1,650**	**1,370**
Grand total	**361,110**	**384,554**	**405,987**	**416,036**	**387,608**	**391,061**

(1) Unclassified may also include blocks and slabs made from species listed separately.
(2) Fish sticks and portions include all species that are either cooked or uncooked.

NOTE:--Data includes imported fishery products. Data for these tables were collected from public and private warehouses where fishery products are normally stored for 30 days or more. Totals may not agree with annual report due to rounding.

IMPORTS

U.S. imports of edible fishery products in 2000 were valued at a record $10.1 billion, $1.0 billion more than in 1999. The quantity of edible imports was 4.0 billion pounds, 90.3 million pounds more than the quantity imported in 1999.

Edible imports consisted of 3.3 billion pounds of fresh and frozen products valued at $9.1 billion, 556.3 million pounds of canned products valued at $670.1 million, 68.9 million pounds of cured products valued at $144.8 million, 5.7 million pounds of caviar and roe products valued at $45.8 million, and 36.9 million pounds of other products valued at $73.6 million.

The quantity of shrimp imported in 2000 was 760.8 million pounds, 29.5 million pounds more than the quantity imported in 1999. Valued at $3.8 billion, shrimp imports accounted for 37 percent of the value of total edible imports. Imports of fresh and frozen tuna were 445.2 million pounds, 45.8 million pounds less than the 591.0 million pounds imported in 1999. Imports of canned tuna were 313.0 million pounds, 21.6 million pounds less than in 1999. Imports of fresh and frozen fillets and steaks amounted to 734.7 million pounds, an increase of 80.4 million pounds from 1999. Regular and minced block imports were 203.9 million pounds, a decrease of 10.4 million pounds from 1999.

Imports of nonedible fishery products were valued at $8.9 billion -- an increase of $933.7 million compared with 1999. The total value of edible and nonedible products was $19.0 billion in 2000, $2.0 billion more than in 1999 when $17.0 billion of fishery products were imported.

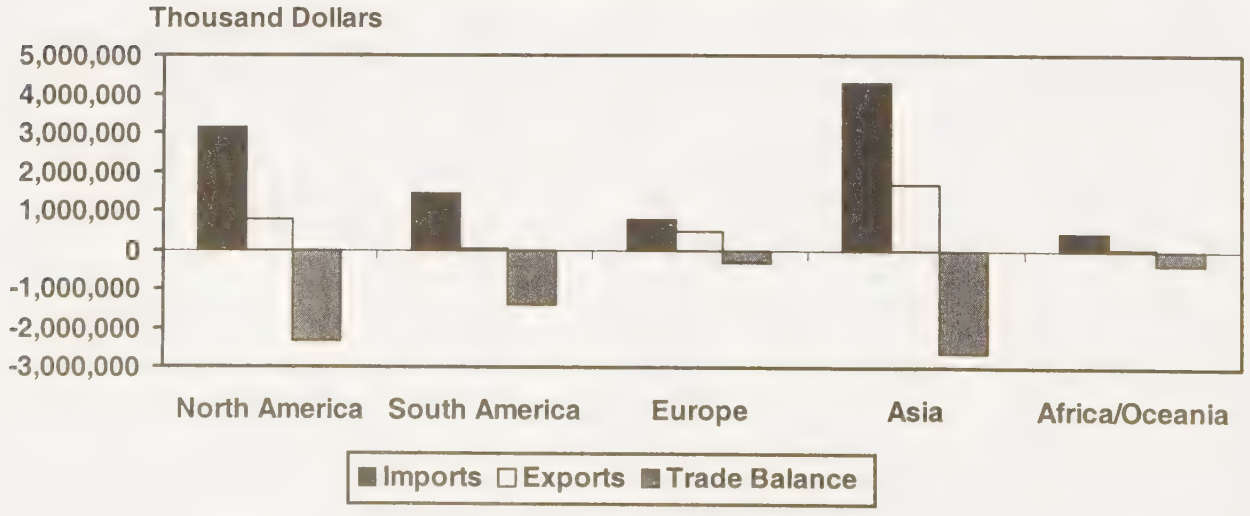
EXPORTS

U.S. exports of edible fishery products were 2.2 billion pounds valued at $3.0 billion, an increase of 211.4 million pounds and $116.3 million when compared with 1999. Fresh and frozen items were 1.8 billion pounds valued at $2.2 billion, an increase of 196.3 million pounds, and $75.2 million compared with 1999. In terms of individual items, fresh and frozen exports consisted principally of 219.6 million pounds of salmon valued at $353.6 million, 330.8 million pounds of surimi valued at $285.3 million and 64.0 million pounds of lobsters valued at $291.2 million.

Canned items were 160.0 million pounds valued at $218.9 million. Salmon was the major canned item exported, with 81.0 million pounds valued at $146.0 million. Cured items were 13.9 million pounds valued at $19.7 million. Caviar and roe exports were 95.1 million pounds valued at $433.8 million.

Exports of nonedible products were valued at $7.9 billion compared with $7.2 billion in 1999. Exports of fish meal amounted to 209.2 million pounds valued at $75.3 million. The total value of edible and nonedible exports was $10.9 billion--an increase of $892.1 million compared with 1999.

U.S. Trade in Edible Fishery Products, 2000



FISHERY PRODUCTS IMPORTS, BY PRINCIPAL ITEMS, 1999 AND 2000

Item	1999			2000		
Edible fishery products:	Thousand	Metric	Thousand	Thousand	Metric	Thousand
Fresh and frozen:	pounds	tons	dollars	pounds	tons	dollars
Whole or eviscerated:						
Freshwater	95,728	43,422	85,870	100,863	45,751	94,292
Flatfish	45,300	20,548	95,331	35,298	16,011	87,624
Groundfish	62,776	28,475	62,231	57,218	25,954	55,830
Salmon	155,762	70,653	344,991	151,339	68,647	333,059
Tuna (1)	491,004	222,718	549,524	445,212	201,947	520,143
Other	256,146	116,187	352,473	272,941	123,805	387,576
Fillets and steaks:						
Freshwater	54,246	24,606	127,329	64,767	29,378	157,741
Flatfish	47,159	21,391	93,747	58,880	26,708	124,064
Groundfish	224,944	102,034	456,662	224,955	102,039	420,673
Other	327,952	148,758	760,499	386,109	175,138	951,094
Blocks and slabs	214,351	97,229	250,285	203,903	92,490	208,700
Surimi	21,574	9,786	16,383	1,733	786	1,660
Shrimp	728,336	330,371	3,130,821	757,099	343,418	3,748,667
Crabmeat	17,555	7,963	80,357	21,270	9,648	114,604
Lobster:						
American	52,525	23,825	333,743	64,211	29,126	417,542
Spiny	28,541	12,946	294,755	30,406	13,792	354,253
Scallops (meats)	44,079	19,994	192,647	53,649	24,335	212,424
Other fish and shellfish	359,511	163,073	815,241	380,518	172,602	929,833
Total, fresh and frozen	**3,227,488**	**1,463,979**	**8,042,889**	**3,310,372**	**1,501,575**	**9,119,779**
Canned:						
Anchovy	7,260	3,293	20,244	7,870	3,570	19,966
Herring	7,355	3,336	8,322	11,654	5,286	14,054
Mackerel	25,166	11,415	12,659	26,733	12,126	13,664
Salmon	2,229	1,011	6,287	5,161	2,341	11,480
Sardines	48,722	22,100	57,880	62,236	28,230	70,941
Tuna	334,537	151,745	335,830	312,967	141,961	258,531
Clams	11,942	5,417	10,627	12,773	5,794	12,921
Crabmeat	27,707	12,568	124,291	31,246	14,173	154,062
Lobsters	29	13	295	46	21	634
Oysters	12,928	5,864	26,818	13,591	6,165	26,389
Shrimp	2,945	1,336	7,626	3,655	1,658	8,661
Balls, cakes, and puddings	14,189	6,436	21,026	15,679	7,112	22,044
Other fish and shellfish	51,447	23,336	49,683	52,679	23,895	56,721
Total, canned	**546,454**	**247,870**	**681,588**	**556,291**	**252,332**	**670,068**
Cured:						
Dried	18,164	8,239	56,843	17,454	7,917	53,046
Pickled or salted	38,292	17,369	58,698	41,969	19,037	60,118
Smoked or kippered	9,985	4,529	29,675	9,471	4,296	31,677
Total, cured	**66,440**	**30,137**	**145,216**	**68,894**	**31,250**	**144,841**
Caviar and roe	5,474	2,483	44,221	5,739	2,603	45,803
Prepared meals	5,121	2,323	15,213	5,523	2,505	16,410
Other fish and shellfish	36,914	16,744	84,759	31,420	14,252	57,187
Total edible fishery products	**3,887,891**	**1,763,536**	**9,013,886**	**3,978,238**	**1,804,517**	**10,054,088**
Nonedible fishery products:						
Meal and scrap	73,069	33,144	16,634	79,013	35,840	18,122
Fish oils	25,677	11,647	15,174	27,220	12,347	19,093
Other	-	-	7,993,888	-	-	8,922,176
Total nonedible fishery products	**-**	**-**	**8,025,696**	**-**	**-**	**8,959,391**
Grand total	**-**	**-**	**17,039,582**	**-**	**-**	**19,013,479**

(1) Includes loins and discs.

Note:--Data include imports into the United States and Puerto Rico and landings of tuna by foreign vessels at American Samoa. Statistics on imports are the weight of individual products as exported, i.e., fillets, steaks, headed, etc. Imports and Exports of Fishery Products, Annual Summary, 2000, Current Fishery Statistics No. 2000-2 provides additional information.

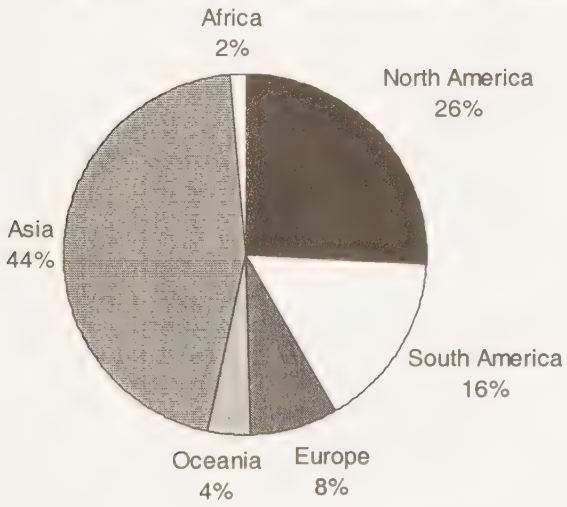
Source:—U.S. Department of Commerce, Bureau of the Census.

EDIBLE AND NONEDIBLE FISHERY PRODUCTS IMPORTS, 1991-2000

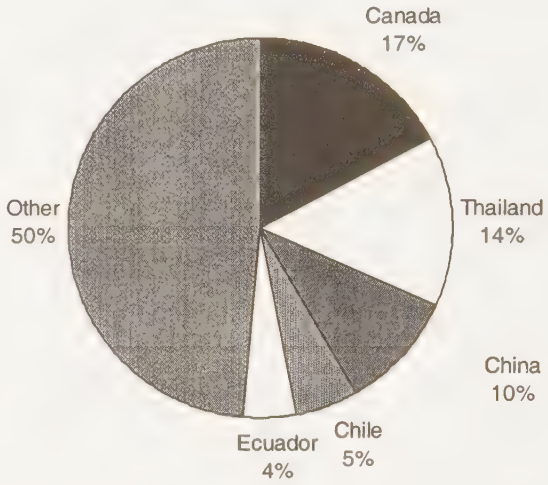
Year	Edible		Nonedible	Total
	Thousand pounds	Metric tons	Thousand dollars	
1991	3,014,819	1,367,513	5,671,887	3,763,173	9,435,060
1992	2,893,954	1,312,689	5,705,876	4,165,386	9,871,262
1993	2,917,160	1,323,215	5,848,738	4,773,649	10,622,387
1994	3,034,841	1,376,595	6,645,132	5,341,740	11,986,872
1995	3,066,458	1,390,936	6,791,690	5,659,933	12,451,623
1996	3,169,787	1,437,806	6,729,614	6,330,741	13,060,355
1997	3,338,849	1,514,492	7,754,243	6,774,083	14,528,326
1998	3,647,021	1,654,278	8,173,185	7,459,487	15,632,672
1999	3,887,891	1,763,536	9,013,886	8,025,696	17,039,582
2000	3,978,238	1,804,517	10,054,088	8,959,391	19,013,479

Source:--U.S. Department of Commerce, Bureau of the Census.

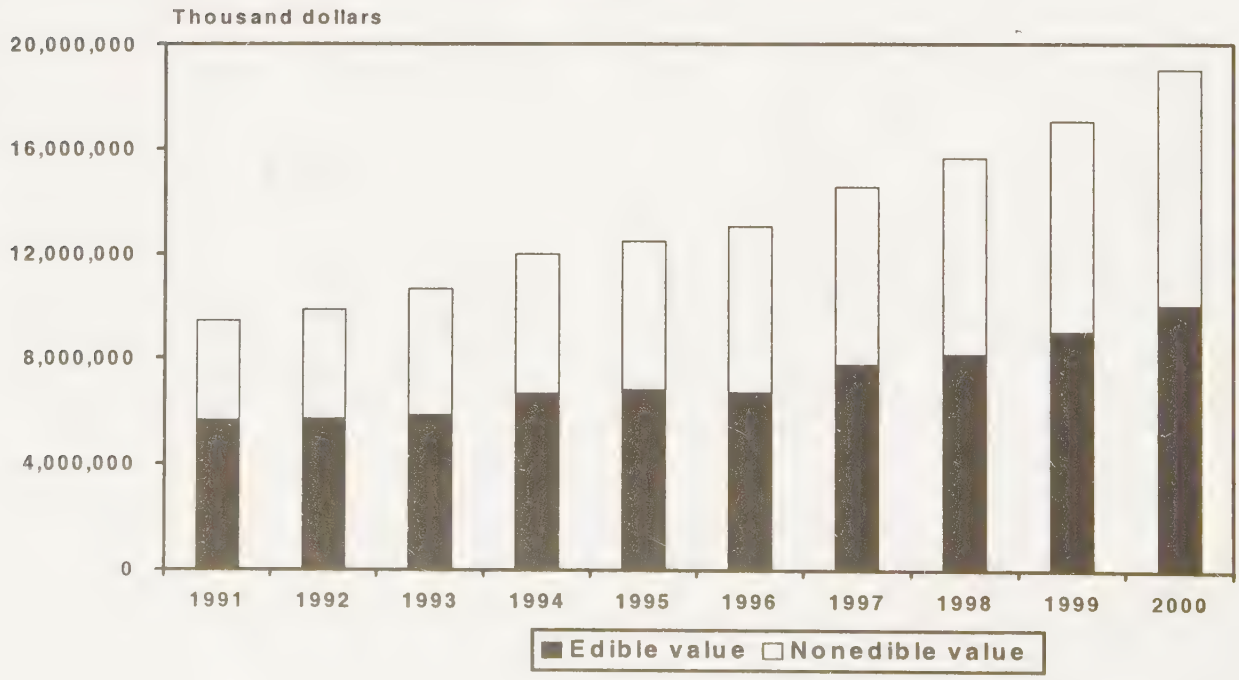
U.S. Imports from Major Areas by Volume



U.S. Imports from Major Exporters by Volume



U.S. Fishery Product Imports



EDIBLE AND NONEDIBLE FISHERY PRODUCTS IMPORTS, 2000

Continent and Country	Edible			Nonedible	Total
	Thousand pounds	Metric tons	Thousand dollars		
North America:					
Canada	685,767	311,062	1,915,141	942,232	2,857,373
Mexico	138,993	63,047	532,454	244,304	776,758
Dominican Republic	683	310	845	146,800	147,645
Honduras	28,514	12,934	131,466	38	131,504
Nicaragua	19,491	8,841	107,081	15	107,096
Other	155,358	70,470	433,348	66,500	499,848
Total	**1,028,807**	**466,664**	**3,120,335**	**1,399,889**	**4,520,224**
South America:					
Chile	216,743	98,314	499,205	15,610	514,815
Ecuador	171,159	77,637	369,290	9,285	378,575
Venezuela	43,371	19,673	178,665	4,073	182,738
Brazil	39,826	18,065	137,135	32,283	169,418
Argentina	65,688	29,796	94,443	17,904	112,347
Other	90,380	40,996	174,478	113,191	287,669
Total	**627,167**	**284,481**	**1,453,216**	**192,346**	**1,645,562**
Europe:					
European Union:					
Italy	1,455	660	3,697	1,558,012	1,561,709
France	3,377	1,532	8,597	702,750	711,347
Germany	2,780	1,261	4,661	320,832	325,493
United Kingdom	22,300	10,115	47,172	261,835	309,007
Spain	13,669	6,200	25,459	87,184	112,643
Other	22,463	10,189	50,127	173,971	224,098
Total	**66,043**	**29,957**	**139,713**	**3,104,584**	**3,244,297**
Other:					
Russian Federation	99,117	44,959	256,037	5,390	261,427
Turkey	1,065	483	2,275	224,713	226,988
Iceland	72,108	32,708	189,395	7,291	196,686
Norway	58,455	26,515	145,949	28,817	174,766
Switzerland	22	10	80	149,824	149,904
Other	18,355	8,326	49,589	56,915	106,504
Total	**249,122**	**113,001**	**643,325**	**472,950**	**1,116,275**
Asia:					
Thailand	569,457	258,304	1,815,728	625,122	2,440,850
China	397,000	180,078	585,357	500,675	1,086,032
India	99,366	45,072	283,628	642,873	926,501
Hong Kong	5,205	2,361	8,263	683,087	691,350
Japan	45,937	20,837	152,586	382,426	535,012
Other	677,445	307,287	1,445,198	769,429	2,214,627
Total	**1,794,410**	**813,939**	**4,290,760**	**3,603,612**	**7,894,372**
Oceania:					
Australia	10,840	4,917	88,227	68,923	157,150
New Zealand	72,348	32,817	138,064	14,709	152,773
French Polynesia	1,237	561	2,525	36,677	39,202
Fiji	18,148	8,232	23,490	2,292	25,782
Papua New Guinea	17,948	8,141	12,304	22	12,326
Other	31,519	14,297	20,917	2,827	23,744
Total	**152,040**	**68,965**	**285,527**	**125,450**	**410,977**
Africa:					
South Africa	20,203	9,164	47,817	37,263	85,080
Morocco	13,067	5,927	23,338	4,441	27,779
Namibia	8,250	3,742	18,722	40	18,762
Mauritius	10,653	4,832	14,575	1,438	16,013
Zimbabwe	-	-	-	7,800	7,800
Other	8,477	3,845	16,760	9,578	26,338
Total	**60,649**	**27,510**	**121,212**	**60,560**	**181,772**
Grand total	**3,978,238**	**1,804,517**	**10,054,088**	**8,959,391**	**19,013,479**

Source:--U.S. Department of Commerce, Bureau of the Census.

REGULAR AND MINCED FISH BLOCKS AND SLABS IMPORTS, BY SPECIES AND TYPE, 1999 AND 2000

Species and type	1999			2000		
	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars
Regular blocks and slabs:						
Cod	26,696	12,109	49,413	27,738	12,582	49,558
Flatfish	5,646	2,561	9,195	6,437	2,920	11,731
Haddock	5,302	2,405	12,008	5,635	2,556	12,669
Ocean perch	353	160	625	487	221	826
Pollock	126,299	57,289	128,768	115,356	52,325	90,609
Whiting	13,441	6,097	12,058	12,101	5,489	9,967
Other	8,915	4,044	11,209	11,482	5,208	14,457
Total	**186,652**	**84,665**	**223,276**	**179,236**	**81,301**	**189,817**
Minced blocks and slabs	27,699	12,564	27,009	24,667	11,189	18,883
Grand total	**214,351**	**97,229**	**250,285**	**203,903**	**92,490**	**208,700**

Source:--U.S. Department of Commerce, Bureau of the Census.

REGULAR AND MINCED FISH BLOCKS AND SLABS IMPORTS, BY COUNTRY OF ORIGIN, 1999 AND 2000

Country	1999			2000		
	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars
China	93,283	42,313	76,431	94,979	43,082	77,633
Russian Federation	59,934	27,186	84,661	45,818	20,783	44,625
Canada	14,385	6,525	18,497	14,912	6,764	16,692
Denmark	5,212	2,364	11,208	5,452	2,473	11,187
Iceland	7,745	3,513	13,171	5,957	2,702	9,216
Argentina	8,602	3,902	8,246	7,441	3,375	8,536
Norway	3,155	1,431	6,124	3,452	1,566	6,906
Chile	2,694	1,222	2,396	4,638	2,104	4,548
St. Pierre & Miquelon	1,627	738	3,058	2,414	1,095	4,474
Other	17,714	8,035	26,493	18,841	8,546	24,883
Total	**214,351**	**97,229**	**250,285**	**203,903**	**92,490**	**208,700**

Source:--U.S. Department of Commerce, Bureau of the Census.

GROUNDFISH FILLET AND STEAK IMPORTS, BY SPECIES, 1999 AND 2000 (1)

Species	1999			2000		
	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars
Cod	98,184	44,536	270,606	93,433	42,381	251,350
Haddock (2)	108,718	49,314	152,747	113,513	51,489	137,979
Ocean perch	18,042	8,184	33,309	18,009	8,169	31,344
Total	**224,944**	**102,034**	**456,662**	**224,955**	**102,039**	**420,673**

(1) Does not include data on fish blocks and slabs.
(2) Includes some quantities of cusk, hake, and pollock fillets.

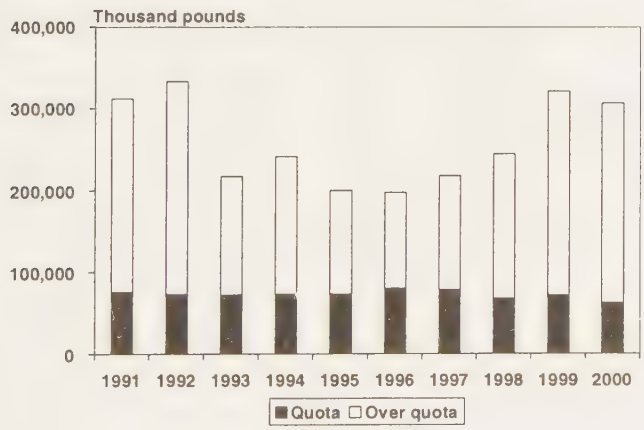
Source:--U.S. Department of Commerce, Bureau of the Census.

CANNED TUNA NOT IN OIL, QUOTA AND IMPORTS, 1991-2000

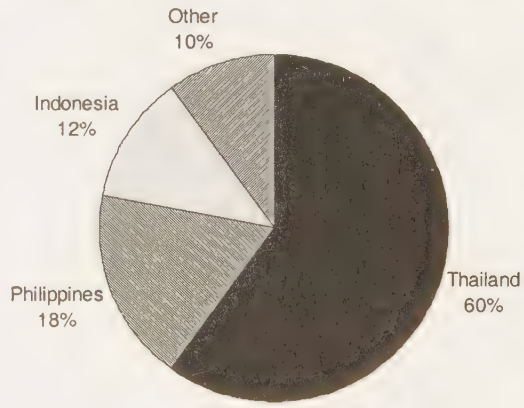
Year	Quota (1)		Over quota (2)		Total	
	Thousand pounds	Metric tons	Thousand pounds	Metric tons	Thousand pounds	Metric tons
1991	75,093	34,062	237,237	107,610	312,330	141,672
1992	73,724	33,441	259,739	117,817	333,463	151,258
1993	72,681	32,968	144,287	65,448	216,968	98,416
1994	73,294	33,246	168,224	76,306	241,518	109,552
1995	73,367	33,279	126,176	57,233	199,543	90,512
1996	80,027	36,300	117,205	53,164	197,232	89,464
1997	78,620	35,662	139,714	63,374	218,335	99,036
1998	67,317	30,535	176,648	80,127	243,965	110,662
1999	72,086	32,698	249,016	112,953	321,102	145,651
2000	62,403	28,306	243,741	110,560	306,144	138,866

(1) Imports have been subject to tariff quotas since April 14, 1956, and are based on 20 percent of the previous year's domestic pack, excluding the pack in American Samoa. Dutiable in 1956 to 1967 at 12.5 percent ad valorem; 1968, 11 percent; 1969, 10 percent; 1970, 8.5 percent; 1971, 7 percent; and 1972 to 2000, 6 percent.
(2) Dutiable in 1972 to 2000, 12.5 percent.
Note:—Data in this table will not agree with tuna import data released by the U.S. Department of Commerce, Bureau of the Census. Any tuna entered for consumption or withdrawn from a warehouse for consumption during the calendar year, except for receipts for possessions of the U.S., is subject to this quota.
Source:—U.S. Department of the Treasury, U.S. Customs Service.

Canned Tuna Quota and Imports



Imports of Canned Tuna by Major Exporter, 2000



CANNED TUNA, BY COUNTRY OF ORIGIN, 1999 AND 2000

Country	1999			2000		
	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars
Thailand	190,334	86,335	201,956	176,211	79,929	155,435
Philippines	85,080	38,592	69,476	77,719	35,253	46,530
Indonesia	38,437	17,435	40,341	29,524	13,392	30,383
Papua New Guinea	7,522	3,412	6,358	16,852	7,644	10,504
Ecuador	4,153	1,884	7,326	5,245	2,379	6,267
Malaysia	2,950	1,338	4,477	3,953	1,793	5,783
Mexico	3,320	1,506	2,465	948	430	807
South Korea	459	208	703	818	371	736
Spain	243	110	546	284	129	643
Other	2,039	925	2,182	1,413	641	1,443
Total	**334,537**	**151,745**	**335,830**	**312,967**	**141,961**	**258,531**

Source:--U.S. Department of Commerce, Bureau of the Census.

SHRIMP IMPORTS, BY COUNTRY OF ORIGIN, 1999 AND 2000

Country	1999			2000		
	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars
North America:						
Mexico	77,262	35,046	386,104	64,097	29,074	403,014
Honduras	16,318	7,402	67,261	17,372	7,880	84,179
Panama	17,101	7,757	68,929	12,899	5,851	64,648
Canada	14,469	6,563	44,101	19,513	8,851	57,511
Nicaragua	9,550	4,332	37,184	10,642	4,827	44,137
Belize	4,941	2,241	22,804	4,934	2,238	22,111
Guatemala	4,004	1,816	16,052	3,607	1,636	15,776
El Salvador	6,014	2,728	24,984	3,056	1,386	14,758
Costa Rico	2,615	1,186	15,179	2,407	1,092	14,176
Greenland	553	251	1,368	95	43	448
Other	18	8	127	106	48	579
Total	**152,845**	**69,330**	**684,093**	**138,727**	**62,926**	**721,337**
South America:						
Ecuador	111,140	50,413	402,932	42,101	19,097	190,393
Venezuela	26,585	12,059	93,566	32,815	14,885	141,495
Brazil	4,215	1,912	14,889	12,998	5,896	53,131
Guyana	12,568	5,701	28,102	19,032	8,633	40,371
Colombia	6,027	2,734	27,268	6,166	2,797	32,815
Suriname	2,892	1,312	5,538	5,873	2,664	13,171
Peru	4,722	2,142	17,888	1,074	487	4,145
Chile	994	451	3,817	970	440	3,355
Argentina	101	46	636	157	71	878
Uruguay	-	-	-	150	68	777
Total	**169,247**	**76,770**	**594,637**	**121,337**	**55,038**	**480,531**
Europe:						
European Union:						
United Kingdom	134	61	423	291	132	1,380
France	-	-	-	42	19	163
Denmark	79	36	191	75	34	151
Netherlands	2	1	9	20	9	126
Spain	4	2	29	20	9	78
Other	183	20	66	366	25	173
Total	**265**	**120**	**718**	**503**	**228**	**2,071**
Other:						
Norway	139	63	455	298	135	729
Estonia	44	20	146	73	33	284
Faroe Islands	-	-	-	46	21	150
Iceland	161	73	395	15	7	67
Other	11	5	86	-	-	-
Total	**355**	**161**	**1,082**	**432**	**196**	**1,230**
Asia:						
Thailand	252,433	114,503	1,196,972	278,767	126,448	1,498,353
India	48,109	21,822	160,758	62,556	28,375	239,582
Viet Nam	17,815	8,081	109,065	34,652	15,718	235,557
Indonesia	35,335	16,028	167,327	36,942	16,757	190,727
Bangladesh	19,290	8,750	112,228	22,535	10,222	145,307
China	19,502	8,846	49,272	40,130	18,203	136,451
Burma	736	334	3,654	6,058	2,748	26,905
Philippines	3,613	1,639	17,335	4,127	1,872	22,891
Sri Lanka	1,828	829	8,983	2,729	1,238	15,069
Malaysia	1,823	827	6,691	2,401	1,089	12,665
Other	7,844	3,558	24,639	8,245	3,740	25,404
Total	**408,329**	**185,217**	**1,856,924**	**499,143**	**226,410**	**2,548,911**
Oceania	152	69	706	300	136	1,804
Africa	88	40	287	313	142	1,444
Grand total	**731,281**	**331,707**	**3,138,447**	**760,755**	**345,076**	**3,757,328**

Note:–Statistics on imports are the weights of the individual products as received, i.e., raw headless, peeled, etc.

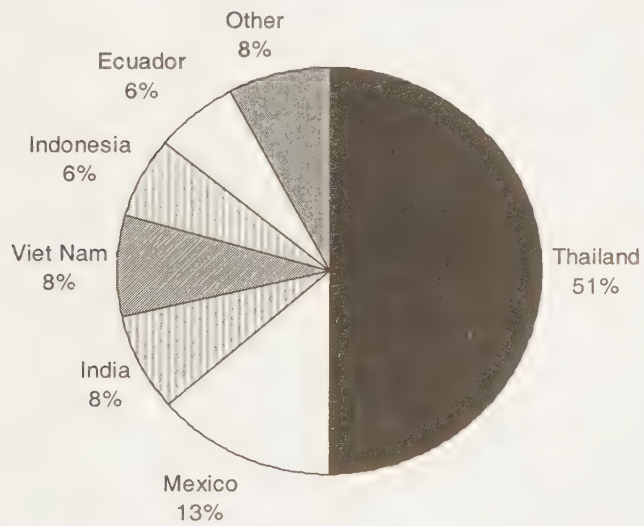
Source:–U.S. Department of Commerce, Bureau of the Census.

SHRIMP IMPORTS, BY TYPE OF PRODUCT, 1999 AND 2000

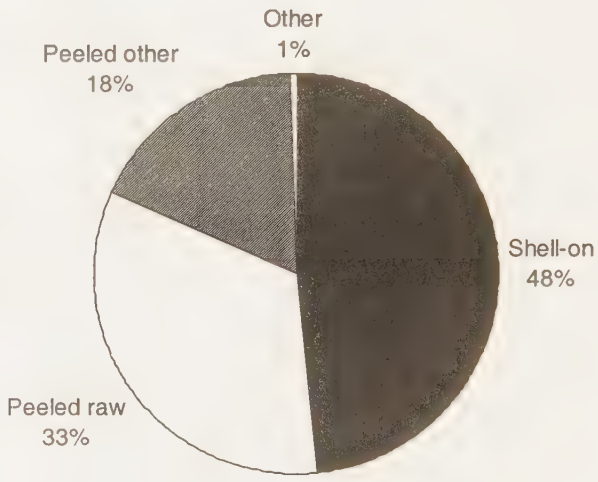
Type of product	1999			2000		
	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars
Shell-on (heads off)	344,901	156,446	1,554,481	338,737	153,650	1,814,996
Peeled:						
Canned	2,945	1,336	7,626	3,655	1,658	8,661
Not breaded:						
Raw	275,538	124,983	1,073,958	285,762	129,621	1,254,505
Other	105,609	47,904	495,089	128,369	58,228	663,457
Breaded	2,288	1,038	7,293	4,231	1,919	15,709
Total	**731,281**	**331,707**	**3,138,447**	**760,755**	**345,076**	**3,757,328**

Source:--U.S. Department of Commerce, Bureau of the Census.

Shrimp Imports by Major Exporter, 2000



Shrimp Imports by Type, 2000



FISH MEAL AND SCRAP IMPORTS, BY COUNTRY OF ORIGIN, 1999 AND 2000

Country	1999			2000		
	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars
Iceland	24,722	11,214	6,527	31,431	14,257	6,688
Canada	15,657	7,102	4,026	13,986	6,344	4,169
Peru	24,619	11,167	3,613	14,813	6,719	2,854
Mexico	2,504	1,136	679	3,964	1,798	840
Chile	886	402	179	4,202	1,906	827
Japan	2,326	1,055	667	3,512	1,593	778
Denmark	1,387	629	362	2,582	1,171	710
China	187	85	219	1,638	743	637
Ecuador	284	129	54	2,449	1,111	329
Other	496	225	308	437	198	290
Total	**73,069**	**33,144**	**16,634**	**79,013**	**35,840**	**18,122**

Source:--U.S. Department of Commerce, Bureau of the Census.

FISHERY PRODUCTS EXPORTS, BY PRINCIPAL ITEMS, 1999 AND 2000 (1)

Item	1999			2000		
Edible fishery products:	Thousand	Metric	Thousand	Thousand	Metric	Thousand
Fresh and frozen:	pounds	tons	dollars	pounds	tons	dollars
Whole or eviscerated:						
Freshwater	3,393	1,539	4,348	7,344	3,331	7,115
Flatfish	120,343	54,587	121,212	146,136	66,287	126,041
Groundfish	124,842	56,628	122,914	182,142	82,619	171,289
Herring	47,752	21,660	32,573	37,648	17,077	24,142
Sablefish	29,495	13,379	61,419	37,619	17,064	86,545
Salmon	210,542	95,501	371,478	219,616	99,617	353,595
Tuna	22,017	9,987	27,531	17,154	7,781	26,417
Other	344,590	156,305	219,222	316,100	143,382	207,728
Fillets, and steaks:						
Freshwater	545	247	1,132	613	278	609
Groundfish	37,474	16,998	45,614	52,549	23,836	50,188
Other	45,538	20,656	76,975	35,703	16,195	68,619
Blocks and slabs	59,705	27,082	63,236	59,359	26,925	53,996
Surimi	273,913	124,246	299,300	330,783	150,042	285,297
Fish sticks	22,414	10,167	27,285	31,338	14,215	36,539
Clams	1,911	867	2,655	1,111	504	2,032
Crabs	56,784	25,757	143,908	36,391	16,507	121,995
Crabmeat	3,840	1,742	7,817	3,309	1,501	7,913
Lobsters	57,264	25,975	262,721	63,986	29,024	291,243
Scallops (meats)	6,982	3,167	25,231	9,114	4,134	36,895
Sea urchins	4,398	1,995	11,539	4,941	2,241	11,178
Shrimp	32,864	14,907	122,760	35,869	16,270	139,147
Squid	114,368	51,877	61,066	192,212	87,187	81,196
Other fish and shellfish	31,387	12,698	63,131	31,559	10,984	60,519
Total, fresh and frozen	**1,648,968**	**747,967**	**2,175,067**	**1,845,252**	**837,001**	**2,250,238**
Canned:						
Salmon	113,726	51,586	197,680	81,006	36,744	145,991
Sardines	3,803	1,725	3,172	9,323	4,229	6,263
Tuna	7,945	3,604	12,084	4,253	1,929	6,484
Abalone	220	100	2,963	88	40	1,023
Crabmeat	1,329	603	3,279	2,593	1,176	5,698
Shrimp	2,355	1,068	9,025	2,549	1,156	14,410
Squid	4,270	1,937	2,397	17,756	8,054	7,303
Other fish and shellfish	33,755	15,311	25,529	42,423	19,243	31,689
Total, canned	**167,404**	**75,934**	**256,129**	**159,990**	**72,571**	**218,861**
Cured:						
Dried	2,055	932	4,347	2,458	1,115	6,966
Pickled or salted	23,845	10,816	20,627	11,072	5,022	10,878
Smoked or kippered	675	306	2,303	414	188	1,882
Total, cured	**26,574**	**12,054**	**27,277**	**13,944**	**6,325**	**19,726**
Caviar and roe:						
Herring	24,908	11,298	45,869	21,940	9,952	23,519
Pollock	24,780	11,240	109,451	30,119	13,662	165,164
Salmon	16,389	7,434	71,557	21,343	9,681	105,219
Sea urchin	4,938	2,240	79,286	3,679	1,669	66,219
Other	20,919	9,489	64,176	18,020	8,174	73,678
Total, caviar and roe	**91,934**	**41,701**	**370,339**	**95,102**	**43,138**	**433,799**
Prepared meals	4,310	1,955	7,218	5,256	2,384	9,871
Other fish and shellfish	21,931	9,948	12,518	52,928	24,008	32,397
Total edible products	**1,961,122**	**889,559**	**2,848,548**	**2,172,472**	**985,427**	**2,964,892**
Nonedible products:						
Meal and scrap	192,512	87,323	51,540	209,177	94,882	75,327
Fish oils	232,546	105,482	35,833	142,225	64,513	24,074
Other	-	-	7,106,762	-	-	7,858,744
Total nonedible products	**-**	**-**	**7,158,302**	**-**	**-**	**7,934,071**
Grand total	**-**	**-**	**10,006,850**	**-**	**-**	**10,898,963**

(1) Figures reflect both domestic and foreign (re-exports).

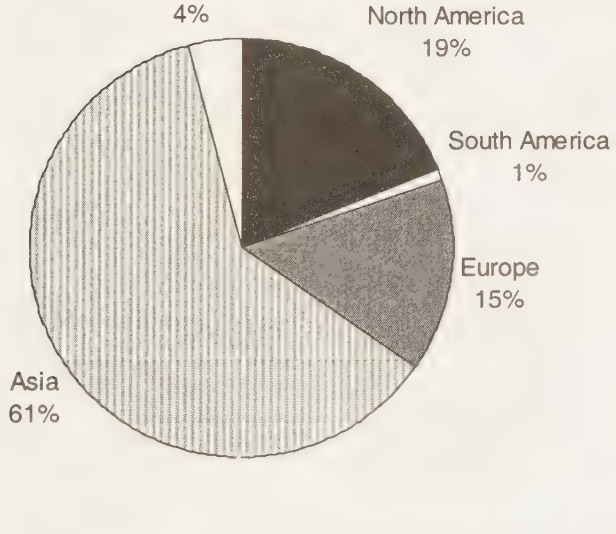
Source:--U.S. Department of Commerce, Bureau of the Census.

EDIBLE AND NONEDIBLE FISHERY PRODUCTS EXPORTS, 1991-2000 (1)

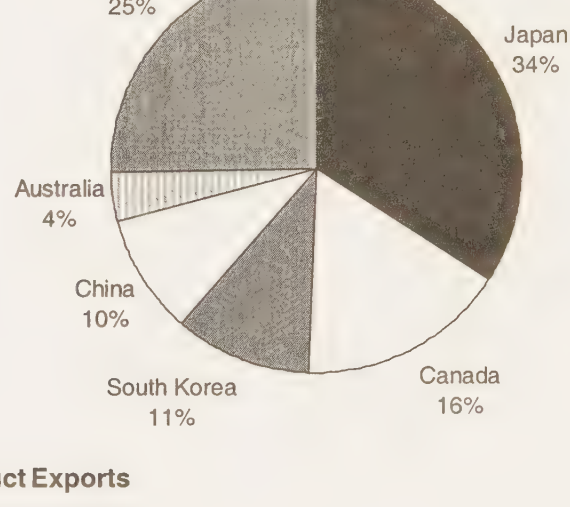
Year	Edible		Nonedible	Total
	Thousand pounds	Metric tons	Thousand dollars	
1991	2,058,594	933,772	3,155,771	3,386,037	6,541,808
1992	2,087,606	946,932	3,465,667	3,653,965	7,119,632
1993	1,986,027	900,856	3,076,813	3,847,911	6,924,724
1994	1,978,507	897,445	3,126,120	4,254,741	7,380,861
1995	2,047,181	928,595	3,262,242	5,005,878	8,268,120
1996	2,112,055	958,022	3,032,282	5,621,169	8,653,451
1997	2,018,889	915,762	2,713,082	6,640,553	9,353,635
1998	1,663,889	754,735	2,259,727	6,437,385	8,697,112
1999	1,961,122	889,559	2,848,548	7,158,302	10,006,850
2000	2,172,472	985,427	2,964,892	7,934,071	10,898,963

(1) Figures reflect both domestic and foreign (re-exports).
Source:--U.S. Department of Commerce, Bureau of the Census.

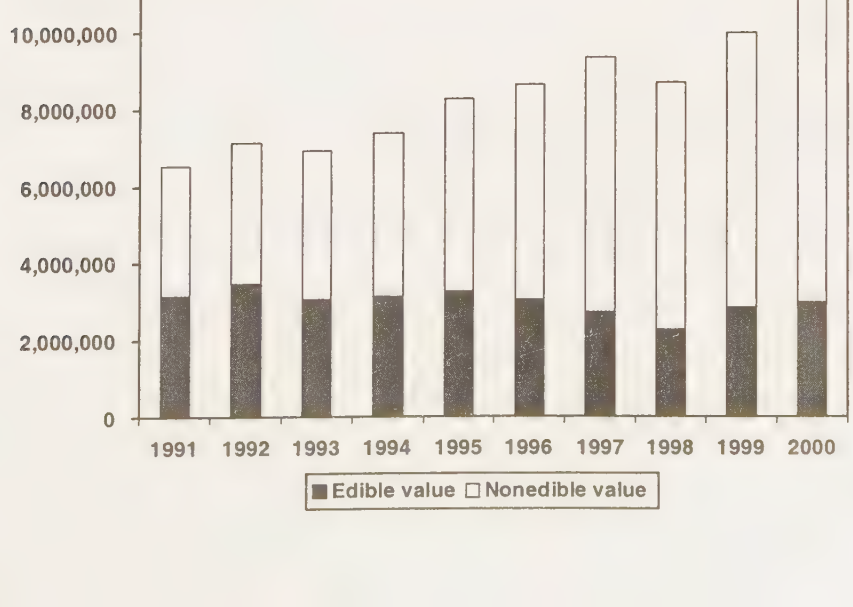
U.S. Exports to Major Areas by Volume



U.S. Exports to Major Importers by Volume, 2000



U.S. Fishery Product Exports



EDIBLE AND NONEDIBLE FISHERY PRODUCTS EXPORTS, 2000 (1)

Continent and Country	Edible			Nonedible	Total
	Thousand pounds	Metric tons	Thousand dollars		
North America:					
Canada	356,744	161,818	673,560	1,585,186	2,258,746
Mexico	33,722	15,296	62,406	892,180	954,586
Netherlands Antilles	955	433	2,390	136,631	139,021
Dominican Republic	4,347	1,972	5,401	78,872	84,273
Panama	2,200	998	5,168	59,118	64,286
Other	12,778	5,796	27,999	307,548	335,547
Total	**410,746**	**186,313**	**776,924**	**3,059,535**	**3,836,459**
South America:					
Brazil	4,638	2,104	4,522	212,681	217,203
Venezuela	8,560	3,883	4,893	69,354	74,247
Argentina	758	344	723	69,513	70,236
Colombia	1,069	485	1,194	46,834	48,028
Chile	694	315	992	46,550	47,542
Other	1,887	856	5,067	90,454	95,521
Total	**17,608**	**7,987**	**17,391**	**535,386**	**552,777**
Europe:					
European Union:					
United Kingdom	44,709	20,280	79,367	291,413	370,780
Germany	37,121	16,838	47,024	185,776	232,800
Netherlands	17,864	8,103	26,158	204,543	230,701
France	53,365	24,206	89,516	128,575	218,091
Belgium	9,167	4,158	19,955	149,127	169,082
Other	117,280	53,198	156,850	271,166	428,016
Total	**279,506**	**126,783**	**418,870**	**1,230,600**	**1,649,470**
Other:					
Switzerland	13,223	5,998	8,488	466,479	474,967
Norway	21,894	9,931	24,764	10,573	35,337
Russian Federation	4,323	1,961	4,344	16,316	20,660
Turkey	183	83	381	11,189	11,570
Hungary	35	16	37	6,601	6,638
Other	7,240	3,284	6,160	30,643	36,803
Total	**46,898**	**21,273**	**44,174**	**541,801**	**585,975**
Asia:					
Japan	740,598	335,933	1,158,507	855,841	2,014,348
Hong Kong	35,591	16,144	43,410	387,127	430,537
South Korea	233,476	105,904	210,177	180,713	390,890
China	209,477	95,018	143,753	124,357	268,110
Taiwan	19,398	8,799	47,701	142,545	190,246
Other	87,615	39,742	62,380	601,225	663,605
Total	**1,326,155**	**601,540**	**1,665,928**	**2,291,808**	**3,957,736**
Oceania:					
Australia	84,008	38,106	35,069	130,136	165,205
New Zealand	1,645	746	994	29,747	30,741
French Polynesia	1,285	583	2,071	788	2,859
Fed.States of Micronesia	137	62	54	1,386	1,440
Fiji	1,486	674	597	97	694
Other	816	370	448	1,015	1,463
Total	**89,377**	**40,541**	**39,233**	**163,169**	**202,402**
Africa:					
South Africa	1,451	658	1,770	38,152	39,922
Swaziland	-	-	-	38,572	38,572
Egypt	123	56	59	15,587	15,646
Chad	-	-	-	5,261	5,261
Kenya	15	7	40	2,967	3,007
Other	593	269	503	11,233	11,736
Total	**2,183**	**990**	**2,372**	**111,772**	**114,144**
Grand total	**2,172,472**	**985,427**	**2,964,892**	**7,934,071**	**10,898,963**

(1) Figures reflect both domestic and foreign (re-exports).

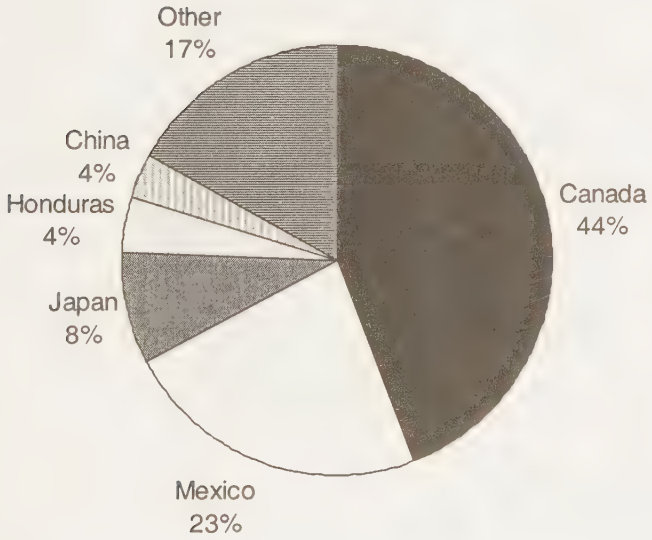
Source:--U.S. Department of Commerce, Bureau of the Census.

FRESH AND FROZEN SHRIMP EXPORTS, BY COUNTRY OF DESTINATION, 1999 AND 2000 (1)

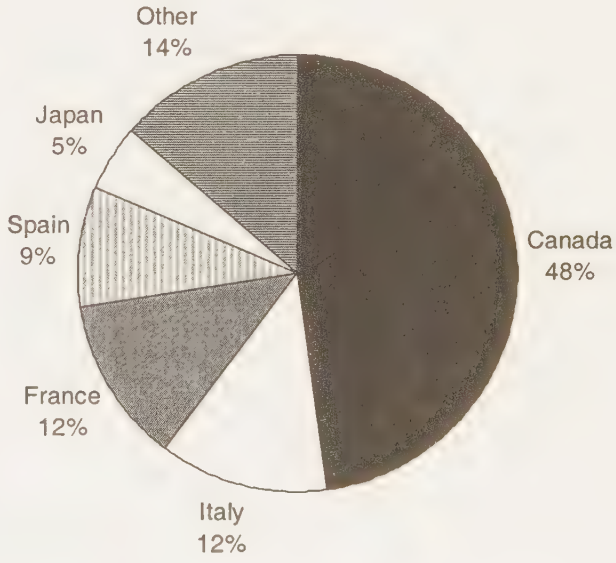
Country	1999			2000		
	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars
Canada	15,176	6,884	59,458	15,260	6,922	61,304
Mexico	6,803	3,086	21,762	9,645	4,375	32,165
Japan	2,403	1,090	10,990	2,359	1,070	11,628
Honduras	1,204	546	4,250	1,272	577	5,721
China	2,478	1,124	7,269	1,757	797	4,942
Panama	489	222	2,251	564	256	3,454
Taiwan	494	224	1,547	542	246	2,255
Ecuador	694	315	3,111	467	212	1,790
Thailand	289	131	836	348	158	1,279
Other	2,833	1,285	11,286	3,653	1,657	14,609
Total	**32,864**	**14,907**	**122,760**	**35,869**	**16,270**	**139,147**

(1) Figures reflect both domestic and foreign (re-exports).
Source:--U.S. Department of Commerce, Bureau of the Census.

U.S. Exports of Shrimp, 2000



U.S. Exports of Lobster, 2000



FRESH AND FROZEN LOBSTER EXPORTS, BY COUNTRY OF DESTINATION, 1999 AND 2000 (1)

Country	1999			2000		
	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars
Canada	34,143	15,487	134,328	37,882	17,183	139,296
Italy	6,349	2,880	35,002	6,762	3,067	36,404
France	5,520	2,504	28,992	6,272	2,845	35,159
Spain	4,484	2,034	22,964	4,773	2,165	26,176
Japan	1,878	852	12,332	1,922	872	14,232
Taiwan	791	359	6,232	1,232	559	9,660
Belgium	476	216	2,756	906	411	5,221
Germany	732	332	4,160	756	343	4,792
South Korea	234	106	1,588	518	235	4,122
Other	2,657	1,205	14,367	2,963	1,344	16,181
Total	**57,264**	**25,975**	**262,721**	**63,986**	**29,024**	**291,243**

(1) Figures reflect both domestic and foreign (re-exports).
Source:--U.S. Department of Commerce, Bureau of the Census.

FRESH AND FROZEN SALMON EXPORTS, WHOLE OR EVISCERATED, BY COUNTRY OF DESTINATION, 1999 AND 2000 (1)

Country	1999			2000		
	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars
Japan	106,021	48,091	232,579	84,247	38,214	178,247
Canada	56,025	25,413	75,880	66,026	29,949	88,248
China	5,443	2,469	8,374	10,922	4,954	16,322
France	10,007	4,539	13,950	14,050	6,373	14,238
Germany	6,598	2,993	6,464	10,463	4,746	11,416
Thailand	1,876	851	2,453	4,153	1,884	7,325
Spain	1,735	787	1,796	6,552	2,972	5,772
Belgium	2,449	1,111	3,365	3,935	1,785	5,220
United Kingdom	1,947	883	2,560	2,537	1,151	4,335
Other	18,439	8,364	24,057	16,731	7,589	22,472
Total	**210,542**	**95,501**	**371,478**	**219,616**	**99,617**	**353,595**

(1) Figures reflect both domestic and foreign (re-exports).

Source:--U.S. Department of Commerce, Bureau of the Census.

CANNED SALMON EXPORTS, BY COUNTRY OF DESTINATION, 1999 AND 2000 (1)

Country	1999			2000		
	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars
United Kingdom	54,414	24,682	97,544	31,762	14,407	55,787
Canada	29,817	13,525	54,255	25,340	11,494	53,991
Australia	10,179	4,617	16,824	9,859	4,472	14,149
Netherlands	6,122	2,777	9,632	4,156	1,885	6,682
Japan	194	88	282	913	414	2,343
France	3,435	1,558	6,388	1,590	721	2,041
Israel	236	107	227	966	438	1,584
Russian Federation	4,334	1,966	5,267	1,404	637	1,366
Belgium	935	424	1,406	957	434	1,312
Other	4,061	1,842	5,855	4,061	1,842	6,736
Total	**113,726**	**51,586**	**197,680**	**81,006**	**36,744**	**145,991**

(1) Figures reflect both domestic and foreign (re-exports).

Source:--U.S. Department of Commerce, Bureau of the Census.

FROZEN SURIMI EXPORTS, BY COUNTRY OF DESTINATION, 1999 AND 2000 (1)

Country	1999			2000		
	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars
Japan	177,541	80,532	199,475	195,164	88,526	188,984
South Korea	72,112	32,710	77,212	100,964	45,797	68,878
France	6,762	3,067	5,356	12,452	5,648	10,162
China	631	286	431	5,309	2,408	3,223
Taiwan	6,191	2,808	5,001	3,448	1,564	3,018
Germany	-	-	-	2,097	951	1,489
Lithuania	44	20	22	1,164	528	997
Denmark	838	380	967	1,687	765	941
Spain	926	420	909	1,299	589	905
Other	8,869	4,023	9,927	7,200	3,266	6,700
Total	**273,913**	**124,246**	**299,300**	**330,783**	**150,042**	**285,297**

(1) Figures reflect both domestic and foreign (re-exports).

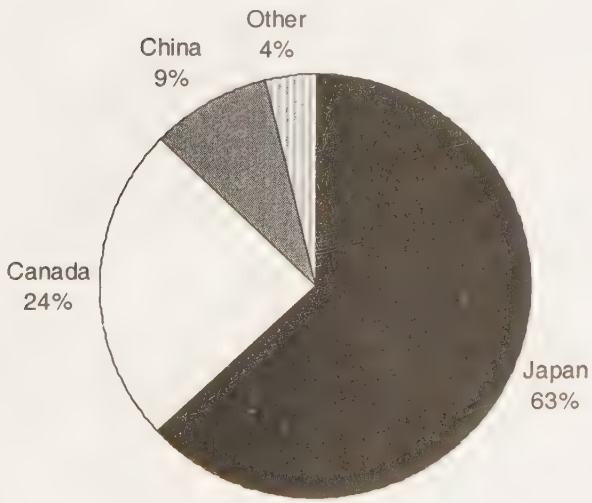
Source:--U.S. Department of Commerce, Bureau of the Census.

FRESH AND FROZEN CRAB EXPORTS, BY COUNTRY OF DESTINATION, 1999 AND 2000 (1)

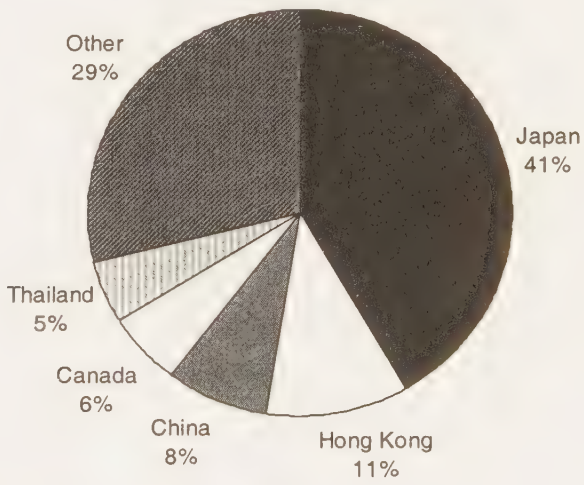
Country	1999			2000		
	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars
Japan	32,946	14,944	94,574	15,016	6,811	76,838
Canada	14,733	6,683	25,192	17,315	7,854	29,689
China	7,604	3,449	19,649	2,736	1,241	10,703
United Kingdom	203	92	713	582	264	2,003
Taiwan	49	22	356	104	47	426
Thailand	192	87	420	66	30	407
South Korea	31	14	56	106	48	275
Belgium	53	24	190	68	31	251
French Polynesia	49	22	107	51	23	204
Other	926	420	2,651	348	158	1,199
Total	**56,784**	**25,757**	**143,908**	**36,391**	**16,507**	**121,995**

(1) Figures reflect both domestic and foreign (re-exports).
Source:--U.S. Department of Commerce, Bureau of the Census.

U.S Exports of Crabs, 2000



U.S Exports of Crabmeat, 2000



FRESH AND FROZEN CRABMEAT EXPORTS, BY COUNTRY OF DESTINATION, 1999 AND 2000 (1)

Country	1999			2000		
	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars
Japan	2,000	907	3,948	1,481	672	3,299
Hong Kong	157	71	527	258	117	862
China	437	198	905	306	139	603
Canada	126	57	420	123	56	460
Thailand	384	174	395	207	94	401
United Kingdom	20	9	49	141	64	391
Taiwan	2	1	11	174	79	355
Mexico	128	58	212	68	31	252
Dominican Republic	-	-	-	73	33	235
Other	589	267	1,350	476	216	1,055
Total	**3,840**	**1,742**	**7,817**	**3,309**	**1,501**	**7,913**

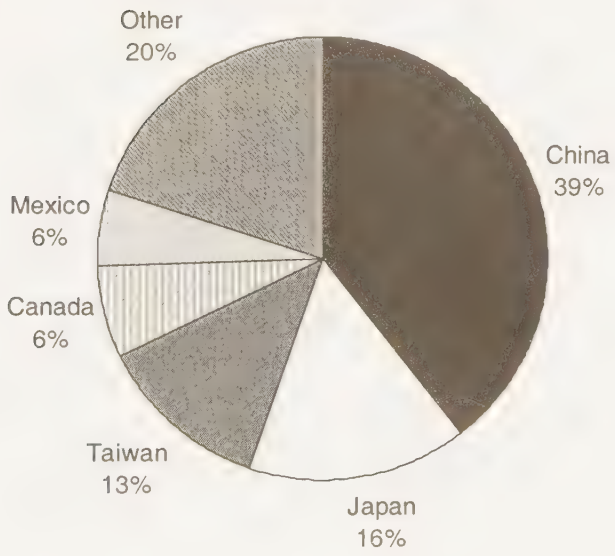
(1) Figures reflect both domestic and foreign (re-exports).
Source:--U.S. Department of Commerce, Bureau of the Census.

FISH MEAL EXPORTS, BY COUNTRY OF DESTINATION, 1999 AND 2000 (1)

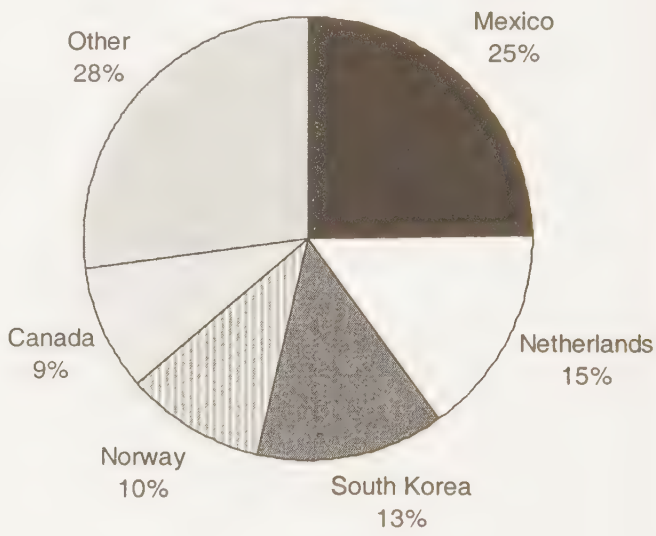
Country	1999			2000		
	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars
China	59,339	26,916	11,972	79,557	36,087	29,705
Japan	22,661	10,279	9,371	24,925	11,306	12,015
Taiwan	26,224	11,895	9,094	20,992	9,522	9,419
Canada	20,917	9,488	4,643	22,258	10,096	4,876
Mexico	10,972	4,977	2,546	17,189	7,797	4,272
Germany	30,867	14,001	4,498	11,662	5,290	3,378
Portugal	-	-	-	2,191	994	2,162
Switzerland	-	-	-	1,276	579	2,038
South Korea	2,948	1,337	1,236	5,659	2,567	1,957
Other	18,585	8,430	8,180	23,466	10,644	5,505
Total	**192,512**	**87,323**	**51,540**	**209,177**	**94,882**	**75,327**

(1) Figures reflect both domestic and foreign (re-exports).
Source:--U.S. Department of Commerce, Bureau of the Census.

U.S Exports of Fish Meal, 2000



U.S Exports of Fish Oil, 2000



FISH AND MARINE ANIMAL OIL EXPORTS, BY COUNTRY OF DESTINATION, 1999 AND 2000 (1)

Country	1999			2000		
	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars
Mexico	30,346	13,765	3,375	58,384	26,483	5,979
Netherlands	87,964	39,900	10,536	36,246	16,441	3,679
South Korea	2,310	1,048	731	6,334	2,873	3,222
Norway	71,482	32,424	8,127	23,040	10,451	2,458
Canada	22,729	10,310	5,694	9,050	4,105	2,192
Hong Kong	661	300	469	3,183	1,444	1,781
Ireland	-	-	-	262	119	1,154
Japan	13,378	6,068	3,995	2,707	1,228	1,113
United Kingdon	304	138	301	542	246	587
Other	3,371	1,529	2,605	2,476	1,123	1,909
Total	**232,546**	**105,482**	**35,833**	**142,225**	**64,513**	**24,074**

(1) Figures reflect both domestic and foreign (re-exports).
Source:--U.S. Department of Commerce, Bureau of the Census.

U.S. SUPPLY OF EDIBLE AND INDUSTRIAL FISHERY PRODUCTS, 1991-2000
(Round weight)

Year	Domestic commercial landings (1)	Imports	Exports	Total
	Million pounds			
1991	9,484	6,879	4,719	11,644
1992	9,637	6,469	5,278	10,828
1993	10,467	9,867	5,578	14,756
1994	10,461	8,848	5,202	14,107
1995	9,788	6,696	5,252	11,232
1996	9,565	6,909	5,418	11,056
1997	9,842	7,290	5,537	11,595
1998	9,194	7,703	4,889	12,008
1999	9,339	8,039	5,207	12,171
2000	9,069	8,269	5,770	11,568

(1) Preliminary.

Note: The weight of U.S. landings and imports represent the round(live) weight of all items except univalve and bivalve mollusks (conchs, clams, oysters, scallops, etc) which are shown in weight of meats excluding the shell.

U.S. SUPPLY OF EDIBLE FISHERY PRODUCTS, 1991-2000
(Round weight)

Year	Domestic commercial landings (1)	Imports	Exports	Total
	Million pounds			
1991	7,031	5,989	3,564	9,456
1992	7,618	5,624	4,123	9,119
1993	8,214	5,607	4,386	9,435
1994	7,936	5,778	4,306	9,408
1995	7,667	5,917	4,261	9,323
1996	7,474	6,150	4,374	9,250
1997	7,244	6,495	4,326	9,413
1998	7,173	7,001	3,709	10,465
1999	6,832	7,630	4,129	10,333
2000	6,912	7,827	4,599	10,140

(1) Preliminary.

U.S. SUPPLY OF INDUSTRIAL FISHERY PRODUCTS, 1991-2000
(Round weight)

Year	Domestic commercial landings (1)	Imports	Exports	Total
	Million pounds			
1991	2,453	890	1,155	2,188
1992	2,019	845	1,448	1,416
1993	2,253	4,260	1,192	5,321
1994	2,525	3,070	896	4,699
1995	2,121	779	991	1,909
1996	2,091	759	1,044	1,806
1997	2,598	795	1,211	2,182
1998	2,021	702	1,180	1,543
1999	2,507	409	1,078	1,838
2000	2,157	442	1,171	1,428

(1) Preliminary.

U.S. SUPPLY OF COMMERCIAL FINFISH AND SHELLFISH, 1999 and 2000

Item	Domestic commercial landings		Imports		Exports		Total	
	1999	2000	1999	2000	1999	2000	1999	2000
	Thousand pounds--round weight							
Edible								
Finfish	5,490,493	5,637,273	5,340,994	5,367,872	3,670,657	4,090,856	7,160,830	6,914,289
Shellfish, et al	1,341,113	1,274,870	2,289,177	2,459,025	458,819	508,462	3,171,471	3,225,433
Subtotal	**6,831,606**	**6,912,143**	**7,630,171**	**7,826,897**	**4,129,476**	**4,599,318**	**10,332,301**	**10,139,722**
Industrial (1)								
Finfish	2,321,375	2,052,388	409,188	442,472	1,078,069	1,171,391	1,652,494	1,323,469
Shellfish, et al	186,053	104,454	(2)	(2)	(2)	(2)	186,053	104,454
Subtotal	**2,507,428**	**2,156,842**	**409,188**	**442,472**	**1,078,069**	**1,171,391**	**1,838,547**	**1,427,923**
Total:								
Finfish	7,811,868	7,689,661	5,750,182	5,810,344	4,748,726	5,262,247	8,813,324	8,237,758
Shellfish, et al	1,527,166	1,379,324	2,289,177	2,459,025	458,819	508,462	3,357,524	3,329,887
Grand total	**9,339,034**	**9,068,985**	**8,039,359**	**8,269,369**	**5,207,545**	**5,770,709**	**12,170,848**	**11,567,645**

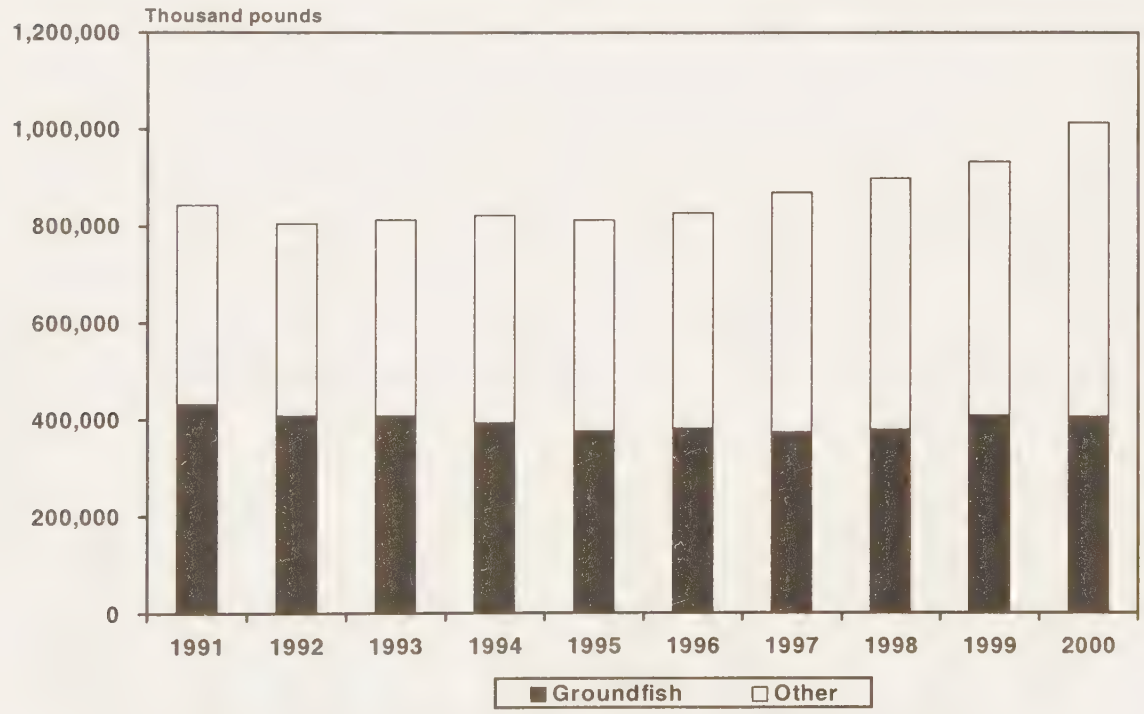
(1) Includes only quantity harvested for fish meal.
(2) Not available.
NOTE: Total landings shown in this table may not agree with landings reported in other tables due to rounding.

U.S. SUPPLY OF ALL FILLETS AND STEAKS, 1991-2000
(Edible weight)

Year	U.S. production (1)	Imports	Total	Exports	Total supply
	Thousand pounds				
1991	472,668	440,018	912,686	69,086	843,600
1992	448,664	408,059	856,723	52,247	804,476
1993	420,169	440,354	860,523	48,847	811,676
1994	425,022	439,059	864,081	43,252	820,829
1995	385,293	477,483	862,776	50,785	811,991
1996	423,309	476,469	899,778	74,368	825,410
1997	409,652	514,805	924,457	55,014	869,443
1998	422,418	578,561	1,000,979	101,016	899,963
1999	362,303	654,301	1,016,604	83,557	933,047
2000	369,311	734,711	1,104,022	88,865	1,015,157

(1) Includes fillets used to produce blocks.

U.S. Supply of Fillets and Steaks



U.S. SUPPLY OF GROUNDFISH FILLETS AND STEAKS, 1991-2000
(Edible weight)

Year	U.S. production (1)	Imports	Total	Exports (2)	Total supply
	Thousand pounds				
1991	264,323	202,409	466,732	34,442	432,290
1992	252,358	172,755	425,113	17,507	407,606
1993	233,755	186,516	420,271	12,242	408,029
1994	220,357	189,097	409,454	17,639	391,815
1995	216,699	184,845	401,544	24,606	376,938
1996	245,406	178,209	423,615	41,691	381,924
1997	220,403	176,125	396,528	23,367	373,161
1998	255,291	186,937	442,228	63,481	378,747
1999	218,765	224,944	443,709	37,474	406,235
2000	233,186	224,955	458,141	52,549	405,592

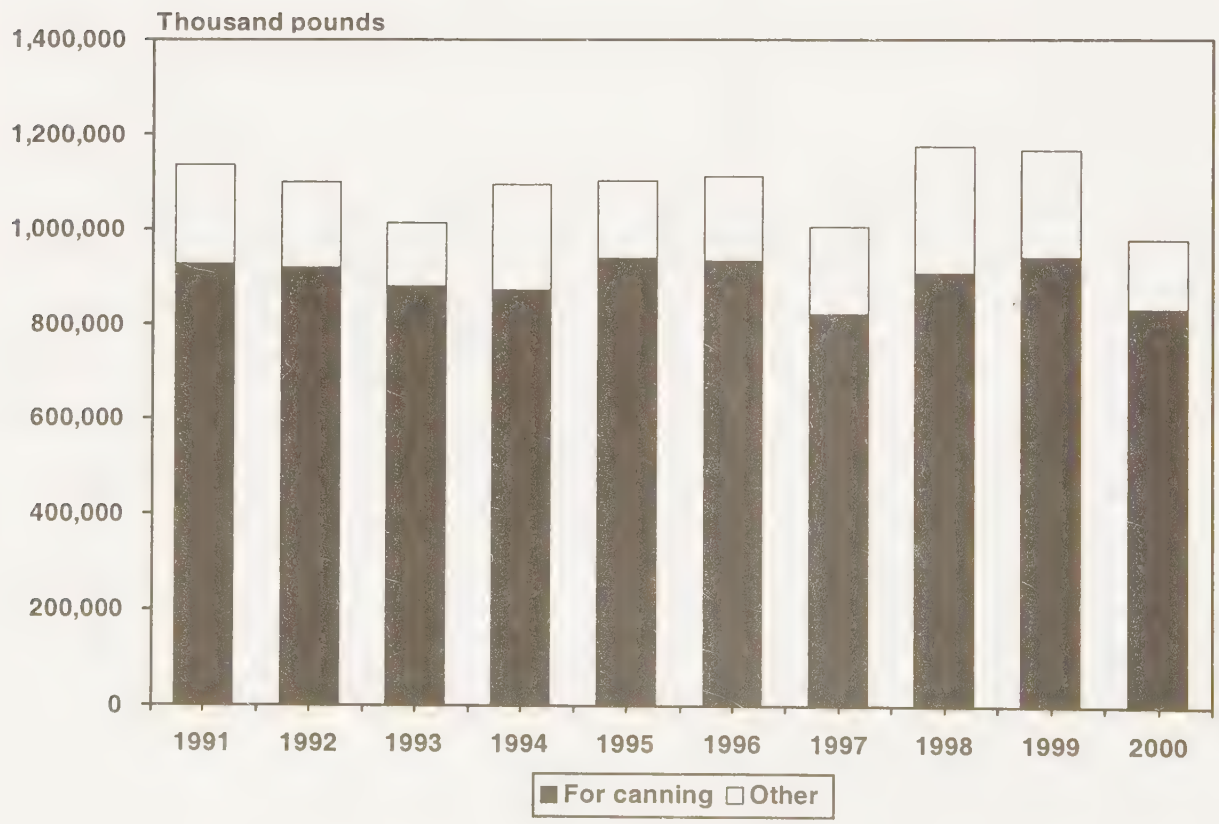
(1) Includes fillets used to produce blocks. Species include cod, cusk, haddock, hake, pollock, and ocean perch.
(2) Species include: cod 1990-99; pollock 1991-99

U.S. SUPPLY OF FRESH AND FROZEN TUNA, 1991-2000
(Round weight)

Year	U.S. commercial landings (1)			Imports (2)			Exports total	Total supply
	For canning	Other	Total	For canning	Other	Total		
	Thousand pounds							
1991	346,322	178,025	524,347	579,556	50,290	629,846	17,714	1,136,479
1992	435,924	137,933	573,857	482,677	63,524	546,201	20,011	1,100,047
1993	426,036	62,933	488,969	453,046	92,965	546,011	21,660	1,013,320
1994	401,732	157,695	559,427	469,514	92,352	561,866	28,512	1,092,781
1995	407,036	86,956	493,992	531,266	105,304	636,570	28,869	1,101,693
1996	364,652	91,612	456,264	567,266	119,247	686,513	31,382	1,111,395
1997	354,074	102,567	456,641	467,526	105,806	573,332	24,092	1,005,881
1998	318,144	161,305	479,449	590,568	137,852	728,420	34,026	1,173,843
1999	368,716	111,658	480,374	571,976	135,966	707,942	22,018	1,166,298
2000	281,982	54,668	336,650	550,552	107,116	657,668	17,154	977,164

(1) Includes a quantity of fish landed at other ports by U.S.-flag vessels.
(2) Includes landings in American Samoa of foreign caught fish.

U.S. Supply of Fresh and Frozen Tuna



U.S. SUPPLY OF CANNED SARDINES, 1991-2000
(Canned weight)

Year	U.S. pack	Imports	Total	Exports	Total supply
	Thousand pounds				
1991	13,986	48,515	62,501	10,668	51,833
1992	17,437	36,511	53,948	12,690	41,258
1993	14,354	39,111	53,465	12,275	41,190
1994	15,560	43,942	59,502	11,010	48,492
1995	13,567	42,280	55,847	11,773	44,074
1996	17,672	40,926	58,598	12,207	46,391
1997	15,976	42,771	58,747	9,321	49,426
1998	11,842	44,328	56,170	6,314	49,856
1999	12,017	48,722	60,739	3,803	56,936
2000	(1)	62,236	NA	9,323	NA

(1) Data are confidential
NA Not available

U.S. SUPPLY OF CANNED SALMON, 1991-2000
(Canned weight)

Year	U.S. pack	Imports	Total	Exports	Total supply
	Thousand pounds				
1991	195,744	983	196,727	66,134	130,593
1992	149,453	974	150,427	77,895	72,532
1993	198,344	428	198,772	84,610	114,162
1994	206,841	1,093	207,934	90,915	117,019
1995	243,568	1,202	244,770	98,197	146,573
1996	197,163	2,266	199,429	95,530	103,899
1997	162,106	1,228	163,334	81,621	81,713
1998	158,798	1,323	160,121	77,450	82,671
1999	234,155	2,229	236,384	113,726	122,658
2000	171,125	5,161	176,286	81,006	95,280

U.S. SUPPLY OF CANNED TUNA, 1991-2000
(Canned weight)

Year	U.S. pack	Imports	Total	Exports	Total supply
	Thousand pounds				
1991	592,786	351,744	944,530	11,310	933,220
1992	608,981	323,413	932,394	10,141	922,253
1993	618,743	224,419	843,162	8,534	834,628
1994	609,514	249,043	858,557	8,391	850,166
1995	666,581	215,365	881,946	7,385	874,561
1996	675,816	193,037	868,853	9,866	858,987
1997	627,032	212,171	839,203	9,967	829,236
1998	680,860	240,409	921,269	9,319	911,950
1999	693,816	334,537	1,028,353	7,945	1,020,408
2000	671,330	312,967	984,297	4,253	980,044

U.S. SUPPLY OF KING CRAB, 1991-2000
(Round weight)

Year	U.S. commercial landings	Imports (1)	Total	Exports (1)	Total supply
	Thousand pounds				
1991	28,140	7,087	35,227	15,320	19,907
1992	19,056	11,958	31,014	16,241	14,773
1993	24,732	7,395	32,127	24,372	7,755
1994	11,960	15,035	26,995	15,013	11,982
1995	14,673	18,360	33,033	11,847	21,186
1996	21,000	26,533	47,533	17,650	29,883
1997	18,027	39,666	57,693	12,516	45,177
1998	24,122	51,655	75,777	13,575	62,202
1999	16,920	46,922	63,842	11,483	52,359
2000	15,098	40,233	55,331	15,851	39,480

(1) Imports, exports, foreign exports converted to round (live) weight by using these conversion factors: frozen, 1.75; meat, 4.50; and canned, 5.33.

U.S. SUPPLY OF SNOW (TANNER) CRABS, 1991-2000
(Round weight)

Year	U.S. commercial landings	Imports (1)	Total	Exports (2)	Total supply
	Thousand pounds				
1991	357,122	19,091	376,213	(3) 316,162	60,051
1992	350,039	18,882	368,921	281,214	87,707
1993	255,733	31,224	286,957	220,618	66,339
1994	159,574	27,446	187,020	147,006	40,014
1995	80,817	20,969	101,786	59,805	41,981
1996	67,867	28,336	96,203	50,509	45,694
1997	118,898	41,959	160,857	50,604	110,253
1998	251,831	60,166	311,997	58,366	253,631
1999	185,162	110,041	295,203	78,918	216,285
2000	34,497	119,443	153,940	32,239	121,701

(1) Converted to round(live) weight by multiplying fresh and frozen by 1.50; meat, 4.50; and canned, 5.00.
(2) Domestic merchandise converted to round(live) weight by multiplying frozen weight by 2.13 (believed to be mostly sections); meat, 4.50; and canned, 5.33. Foreign exports converted using the same factors as imports.
(3) Estimated, based on available foreign import data.

U.S. SUPPLY OF CANNED CRABMEAT, 1991-2000
(Canned weight)

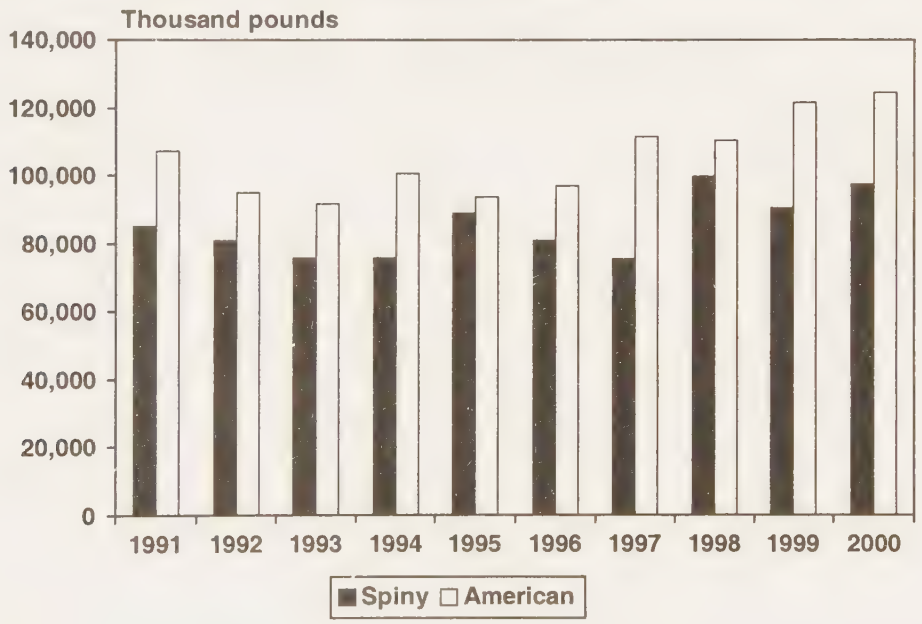
Year	U.S. pack	Imports	Total	Exports	Total supply
	Thousand pounds				
1991	77	11,385	11,462	525	10,937
1992	99	9,577	9,676	789	8,887
1993	70	9,817	9,887	668	9,219
1994	17	9,852	9,869	511	9,358
1995	65	12,441	12,506	276	12,230
1996	93	12,773	12,866	337	12,529
1997	83	15,871	15,954	608	15,346
1998	67	22,020	22,087	558	21,529
1999	27	27,707	27,734	1,329	26,405
2000	28	31,246	31,274	2,593	28,681

U.S. SUPPLY OF AMERICAN LOBSTERS,1991-2000
(Round weight)

Year	U.S. commercial landings	Imports (1)	Total	Exports (2)	Total supply
	Thousand pounds				
1991	63,337	65,381	128,718	21,485	107,233
1992	55,841	59,335	115,176	20,332	94,844
1993	56,513	55,570	112,083	20,354	91,729
1994	66,416	65,949	132,365	31,646	100,719
1995	66,406	62,923	129,329	35,587	93,742
1996	71,641	65,379	137,020	39,919	97,101
1997	83,921	73,033	156,954	45,262	111,692
1998	79,642	73,601	153,243	42,874	110,369
1999	87,469	90,830	178,299	56,755	121,544
2000	83,180	105,695	188,875	64,456	124,419

(1) Only imports from Canada and St. Pierre and Miquelon are considered American lobsters and were converted to round weight by using these conversion factors: 1.00, whole; 4.50, meat, and 4.64, canned.
(2) Domestic exports conversion to live weight by 1.00, whole; 4.00, meat; and 4.50, canned. Foreign exports converted using import factors.

U.S. Supply of Lobster



U.S. SUPPLY OF SPINY LOBSTERS,1991-2000
(Round weight)

Year	U.S. commercial landings	Imports (1)	Total	Exports (2)	Total supply
	Thousand pounds				
1991	7,096	81,332	88,428	3,388	85,040
1992	4,872	77,848	82,720	2,001	80,719
1993	6,076	70,884	76,960	1,306	75,654
1994	8,104	68,787	76,891	1,304	75,587
1995	7,123	86,900	94,023	5,035	88,988
1996	8,308	75,595	83,903	3,033	80,870
1997	7,240	74,120	81,360	5,842	75,518
1998	5,935	95,801	101,736	1,802	99,934
1999	6,692	86,240	92,932	2,346	90,586
2000	6,463	94,433	100,896	3,528	97,368

(1) Imports were converted to round (live) weight by using these conversion factors: 1.00, whole; 3.00, tails; 4.35, other; and 4.50 canned.
(2) Domestic exports converted to round (live) weight by using: 1.00, whole; 3.00, tails; 4.00, other; and 4.50, canned. Foreign exports converted using import factors.

U.S. SUPPLY OF CLAMS, 1991-2000
(Meat weight)

Year	U.S. commercial landings (1)	Imports (2)	Total	Exports	Total supply
	Thousand pounds				
1991	134,243	12,291	146,534	2,948	143,586
1992	142,449	14,262	156,711	1,662	155,049
1993	147,752	9,579	157,331	1,809	155,522
1994	131,427	15,507	146,934	2,617	144,317
1995	134,224	12,645	146,869	2,853	144,016
1996	123,239	14,340	137,579	3,448	134,131
1997	114,180	13,184	127,364	3,651	123,713
1998	107,959	15,666	123,625	4,318	119,307
1999	112,230	16,315	128,545	3,898	124,647
2000	118,482	17,768	136,250	3,627	132,623

(1) For species breakout see table on page 1.
(2) Imports and exports were converted to meat weight by using these conversion factors: 0.40 in shell or shucked; 0.30, canned chowder and juice; and 0.93, other.

U.S. SUPPLY OF OYSTERS, 1991-2000
(Meat weight)

Year	U.S. commercial landings	Imports (1)	Total	Exports	Total supply
	Thousand pounds				
1991	31,859	30,547	62,406	739	61,667
1992	36,156	26,529	62,685	797	61,888
1993	33,575	28,244	61,819	1,131	60,688
1994	38,086	24,694	62,780	1,988	60,792
1995	40,380	24,200	64,580	1,908	62,672
1996	38,007	21,708	59,715	1,648	58,067
1997	39,652	20,533	60,185	2,191	57,994
1998	33,538	29,575	63,113	1,877	61,236
1999	26,983	30,012	56,995	2,047	54,948
2000	41,146	32,735	73,881	2,447	71,434

(1) Imports and exports were converted to meat weight by using these conversion factors: 0.93, canned; 3.12, canned smoked; and 0.75, other.

U.S. SUPPLY OF SCALLOPS, 1991-2000
(Meat weight)

Year	U.S. commercial landings (1)	Imports	Total	Exports	Total supply
	Thousand pounds				
1991	39,740	29,528	69,268	7,083	62,185
1992	33,884	38,682	72,566	3,589	68,977
1993	18,638	51,973	70,611	4,147	66,464
1994	25,469	56,676	82,145	5,990	76,155
1995	19,526	48,331	67,857	5,926	61,931
1996	18,197	58,686	76,883	6,191	70,692
1997	15,474	60,146	75,620	9,861	65,759
1998	13,166	52,445	65,611	7,306	58,305
1999	27,178	44,079	71,257	6,982	64,275
2000	32,772	53,649	86,421	9,114	77,307

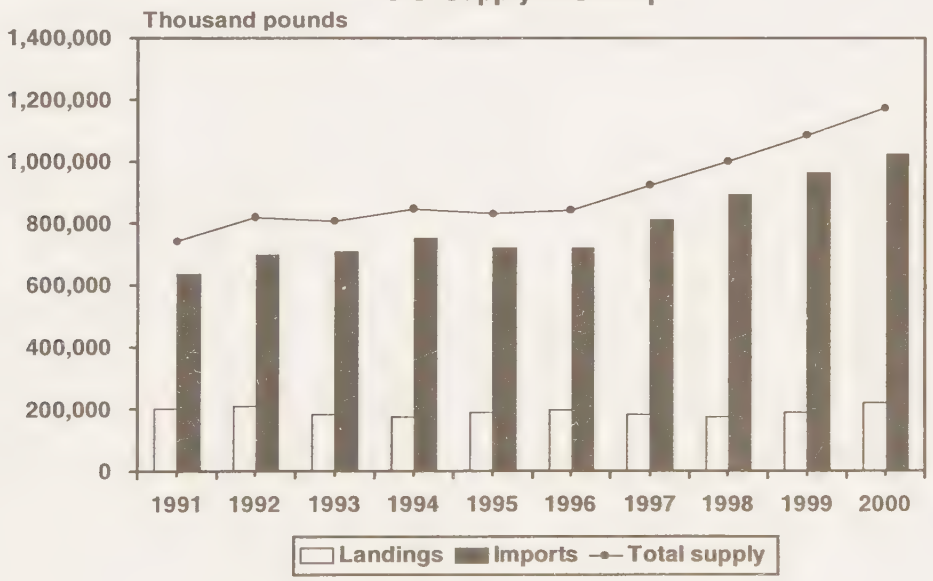
(1) For species breakout see table on page 1.

U.S. SUPPLY OF ALL FORMS OF SHRIMP, 1991-2000
(Heads-off weight)

Year	U.S. commercial landings (1)	Imports (2)	Total	Exports (3)	Total supply
	Thousand pounds				
1991	198,115	632,775	830,890	87,186	743,704
1992	207,086	694,254	901,340	81,604	819,736
1993	180,687	708,683	889,370	81,447	807,923
1994	174,969	749,993	924,962	77,755	847,207
1995	190,208	719,463	909,671	77,677	831,994
1996	195,902	720,852	916,754	75,130	841,624
1997	179,084	810,696	989,780	66,674	923,106
1998	173,304	893,578	1,066,882	65,302	1,001,580
1999	189,112	959,915	1,149,027	65,427	1,083,600
2000	218,542	1,024,476	1,243,018	71,250	1,171,768

(1) Commercial landings were converted to heads-off weight by using these conversion factors: South Atlantic and Gulf 0.629; and New England, Pacific and other, 0.57.
(2) Imports were converted to heads-off weight by using these conversion factors: breaded,0.63; shell-on, 1.00; peeled raw, 1.28; canned, 2.52; and other, 2.40.
(3) Exports were converted to heads-off weight by using these conversion factors: domestic fresh and frozen, 1.18; canned, 2.02; other, 2.40; foreign–fresh and frozen, 1.00; canned, 2.52; and other, 2.40.

U.S. Supply of Shrimp



U.S. SUPPLY OF CANNED SHRIMP, 1991-2000
(Canned weight)

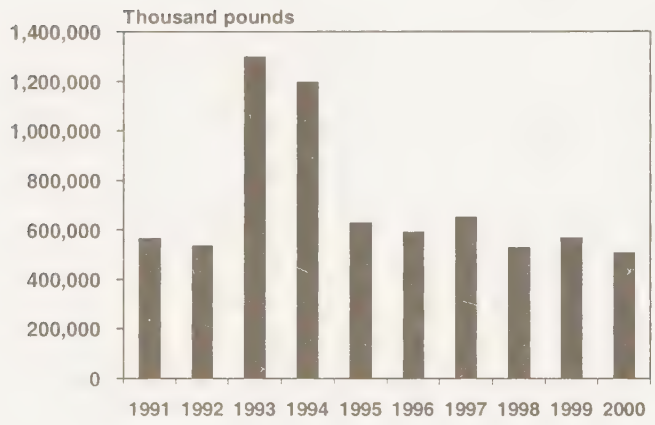
Year	U.S. pack	Imports	Total	Exports	Total supply
	Thousand pounds				
1991	632	9,361	9,993	2,352	7,641
1992	640	9,273	9,913	1,931	7,982
1993	658	8,170	8,828	2,557	6,271
1994	463	6,314	6,777	1,841	4,936
1995	912	6,570	7,482	3,250	4,232
1996	819	3,563	4,382	2,665	1,717
1997	1,168	3,620	4,788	1,470	3,318
1998	2,253	3,406	5,659	1.660	3,999
1999	1,955	2,945	4,900	2,355	2,545
2000	1,910	3,655	5,565	2,549	3,016

U.S. SUPPLY OF FISH MEAL, 1991-2000
(Product weight)

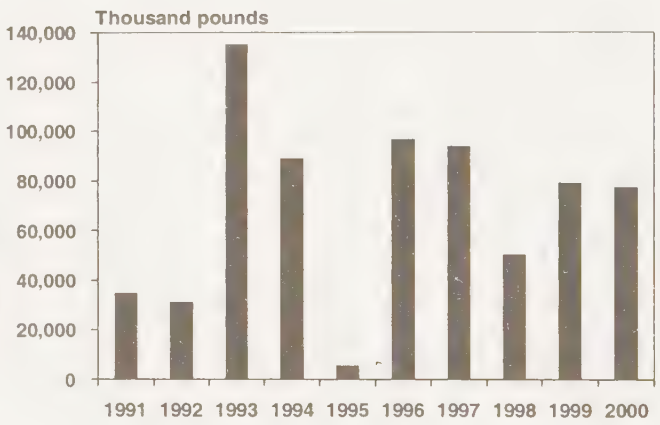
Year	U.S. production (1)	Imports	Total	Exports	Total supply
	Thousand pounds				
1991	612,716	158,916	771,632	206,320	565,312
1992	644,512	150,911	795,423	258,511	536,912
1993	750,744	760,664	1,511,408	212,859	1,298,549
1994	807,833	548,288	1,356,121	159,937	1,196,184
1995	667,240	139,101	806,341	176,981	629,360
1996	643,124	135,561	778,685	186,412	592,273
1997	724,668	142,049	866,717	216,289	650,428
1998	613,434	125,404	738,838	210,658	528,180
1999	686,250	73,069	759,319	192,512	566,807
2000	638,240	79,013	717,253	209,177	508,076

(1) Includes shellfish meal.

U.S. Supply of Fish Meal



U.S. Supply of Fish Oils



U.S. SUPPLY OF FISH OILS, 1991-2000
(Product weight)

Year	U.S. production	Imports	Total	Exports	Total supply
	Thousand pounds				
1991	267,345	21,828	289,173	254,525	34,648
1992	184,725	23,772	208,497	177,444	31,053
1993	293,452	26,052	319,504	184,488	135,016
1994	291,189	40,642	331,831	242,788	89,043
1995	241,941	23,913	265,854	260,394	5,460
1996	248,399	35,622	284,021	187,294	96,727
1997	283,379	25,622	309,001	215,255	93,746
1998	222,697	24,213	246,910	196,664	50,246
1999	286,182	25,677	311,859	232,546	79,313
2000	192,348	27,220	219,568	142,225	77,343

Per Capita Consumption

The NMFS calculation of per capita consumption is based on a "disappearance" model. The total U.S. supply of imports and landings is converted to edible weight, and decreases in supply such as exports and inventories are subtracted out. The remaining total is divided by a population value to estimate per capita consumption. Data for the model are derived primarily from secondary sources and are subject to incomplete reporting; changes in source data or invalid model assumptions may each have a significant effect on the resulting calculation.

U.S. per capita consumption of fish and shellfish was 15.6 pounds (edible meat) in 2000. This total was 0.2 pounds more than the revised 15.4 pounds consumed in 1999. Per capita consumption of fresh and frozen products was 10.5 pounds, 0.1 pound more than 1999.

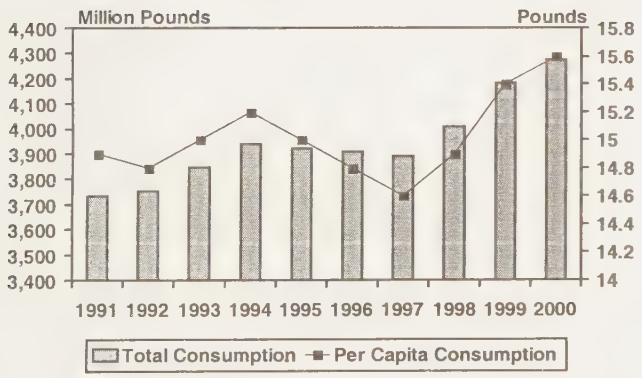
Fresh and frozen finfish accounted for 5.8 pounds while fresh and frozen shellfish consumption was 4.7 pounds per capita. The fresh and frozen finfish includes approximately 1.1 pounds of farm raised catfish.

Consumption of canned fishery products was 4.8 pounds per capita in 2000, 0.1 pounds more than the revised 4.7 in 1999. Cured fish accounted for 0.3 pound per capita, the same as in previous years. Imports of edible seafood made up 68 percent of the consumption.

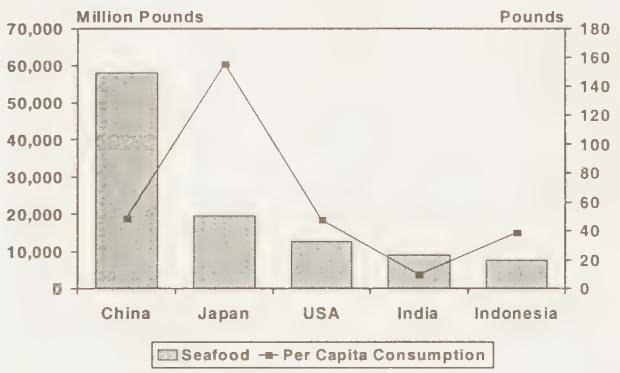
PER CAPITA USE. Per capita use is based on the supply of fishery products, both edible and non-edible (industrial), on a round-weight equivalent basis without considering beginning or ending stocks, defense purchases, or exports. The per capita use of all edible and industrial fishery products in 2000 was 62.9 pounds, down 0.8 pounds compared with 1999.

WORLD CONSUMPTION. The FAO calculation for apparent consumption is also based on a disappearance model. The three year average considers, on a round weight equivalent basis, a country's landings, imports, and exports. The 1995-97 data indicates that the United States ranks as the third largest consumer of seafood in the world.

U.S. Consumption 1991 - 2000
(Edible Meat Weight)



Fish and Fishery Products
Apparent Consumption Average 1995-1997
(Live Weight Equivalent)



Per Capita Consumption

Annual per capita consumption of seafood products represents the pounds of edible meat consumed from domestically-caught and imported fish and shellfish adjusted for beginning and ending inventories and exports, divided by the civilian population of the United States as of July 1 of each year.

U.S. ANNUAL PER CAPITA CONSUMPTION OF COMMERCIAL FISH AND SHELLFISH, 1910-2000

Year	Civilian resident population July 1 (1)	Per capita consumption			
		Fresh and frozen (2)	Canned (3)	Cured (4)	Total
	Million persons	-------Pounds, edible meat-------			
1910	92.2	4.5	2.8	3.9	11.2
1920	106.5	6.3	3.2	2.3	11.8
1930	122.9	5.8	3.4	1.0	10.2
1940	132.1	5.7	4.6	0.7	11.0
1950	150.8	6.3	4.9	0.6	11.8
1960	178.1	5.7	4.0	0.6	10.3
1970	201.9	6.9	4.5	0.4	11.8
1980	225.6	7.9	4.3	0.3	12.5
1981	227.8	7.8	4.6	0.3	12.7
1982	230.0	7.9	4.3	0.3	12.5
1983	232.1	8.4	4.7	0.3	13.4
1984	234.1	9.0	4.9	0.3	14.2
1985	236.2	9.8	5.0	0.3	15.1
1986	238.4	9.8	5.4	0.3	15.5
1987	240.6	10.7	5.2	0.3	16.2
1988	242.8	10.0	4.9	0.3	15.2
1989	245.1	10.2	5.1	0.3	15.6
1990	247.8	9.6	5.1	0.3	15.0
1991	250.5	9.7	4.9	0.3	14.9
1992	253.5	9.9	4.6	0.3	14.8
1993	256.4	10.2	4.5	0.3	15.0
1994	259.2	10.4	4.5	0.3	15.2
1995	261.4	10.0	4.7	0.3	15.0
1996	264.0	10.0	4.5	0.3	14.8
1997	266.4	9.9	4.4	0.3	14.6
1998	269.1	10.2	4.4	0.3	14.9
1999	271.5	10.4	4.7	0.3	15.4
2000	273.9	10.5	4.8	0.3	15.6

(1) Resident population for 1910 and 1920 and civilian resident population for 1930 to date.

(2) Fresh and frozen fish consumption for 1910 and 1920 is estimated. Beginning in 1973, data include consumption of cultivated catfish.

(3) Canned fish consumption for 1920 is estimated. Beginning in 1921, it is based on production reports, packer stocks, and foreign trade statistics for individual years.

(4) Cured fish consumption for 1910 and 1920 is estimated.

*Record years: Fresh and Frozen--10.7 lb, 1987; Canned--5.8, 1936; Cured--4.0, 1909; and Total--16.2 lb, 1987.

U.S. ANNUAL PER CAPITA CONSUMPTION OF CANNED FISHERY PRODUCTS, 1980-2000

Year	Salmon	Sardines	Tuna	Shellfish	Other	Total
	Pounds					
1980	0.5	0.3	3.0	0.4	0.1	4.3
1981	0.5	0.4	3.0	0.4	0.3	4.6
1982	0.5	0.3	2.8	0.4	0.3	4.3
1983	0.5	0.2	3.2	0.4	0.4	4.7
1984	0.6	0.2	3.2	0.4	0.5	4.9
1985	0.5	0.3	3.3	0.5	0.4	5.0
1986	0.5	0.3	3.6	0.5	0.5	5.4
1987	0.4	0.3	3.5	0.5	0.5	5.2
1988	0.3	0.3	3.6	0.4	0.3	4.9
1989	0.3	0.3	3.9	0.4	0.2	5.1
1990	0.4	0.3	3.7	0.3	0.4	5.1
1991	0.5	0.2	3.6	0.4	0.2	4.9
1992	0.5	0.2	3.5	0.3	0.1	4.6
1993	0.4	0.2	3.5	0.3	0.1	4.5
1994	0.4	0.2	3.3	0.3	0.3	4.5
1995	0.5	0.2	3.4	0.3	0.3	4.7
1996	0.5	0.2	3.2	0.3	0.3	4.5
1997	0.4	0.2	3.1	0.3	0.4	4.4
1998	0.3	0.2	3.4	0.3	0.2	4.4
1999	0.3	0.2	3.5	0.4	0.3	4.7
2000	0.3	0.2	3.6	0.4	0.3	4.8

U.S. ANNUAL PER CAPITA CONSUMPTION OF CERTAIN FISHERY ITEMS, 1980-2000

Year	Fillets and steaks (1)	Sticks and portions	Shrimp, all preparation
	Pounds (2)		
1980	2.4	2.0	1.4
1981	2.4	1.8	1.5
1982	2.5	1.7	1.5
1983	2.7	1.8	1.7
1984	3.0	1.8	1.9
1985	3.2	1.8	2.0
1986	3.4	1.8	2.2
1987	* 3.6	1.7	2.4
1988	3.2	1.5	2.4
1989	3.1	1.5	2.3
1990	3.1	1.5	2.2
1991	3.0	1.2	2.4
1992	2.9	0.9	2.5
1993	2.9	1.0	2.5
1994	3.1	0.9	2.6
1995	2.9	1.2	2.5
1996	3.0	1.0	2.5
1997	3.0	1.0	2.7
1998	3.2	0.9	2.8
1999	3.2	1.0	3.0
2000	3.4	0.9	* 3.2

(1) Data include groundfish and other species. Data do not include blocks, but fillets could be made into blocks from which sticks and portions could be produced.

(2) Products weight of fillets and steaks, sticks and portions; edible (meat) weight of shrimp.

*Record

ANNUAL PER CAPITA CONSUMPTION OF FISH AND SHELLFISH FOR HUMAN FOOD, BY REGION AND COUNTRY, 1995-97 AVERAGE

Region and Country	Estimated live weight equivalent	
	Kilograms	Pounds
North America:		
Canada	22.2	48.9
Greenland	84.1	185.4
St. Pierre and Miquelon	68.6	151.2
United States	20.9	46.1
Caribbean:		
Antigua	23.9	52.7
Aruba	7.6	16.8
Bahamas	22.0	48.5
Barbados	30.4	67.0
Bermuda	37.9	83.6
Cayman Islands	13.3	29.3
Cuba	12.4	27.3
Dominica	29.6	65.3
Dominican Republic	8.1	17.9
Grenada	23.8	52.5
Guadeloupe	40.5	89.3
Haiti	2.6	5.7
Jamaica	15.4	34.0
Martinique	37.6	82.9
Netherland Antilles	18.8	41.4
Saint Lucia	22.0	48.5
St. Vincent	15.3	33.7
Trinidad-Tobago	12.2	26.9
Turks & Caicos	40.2	88.6
Latin America:		
Argentina	11.1	24.5
Belize	6.7	14.8
Bolivia	1.4	3.1
Brazil	6.9	15.2
Chile	22.3	49.2
Colombia	4.5	9.9
Costa Rica	5.2	11.5
Ecuador	7.2	15.9
El Salvador	2.5	5.5
French Guiana	32.5	71.6
Guatemala	1.1	2.4
Guyana	55.3	121.9
Honduras	3.0	6.6
Mexico	10.5	23.1
Nicaragua	1.3	2.9
Panama	14.6	32.2
Paraguay	5.1	11.2
Peru	25.4	56.0
Suriname	24.4	53.8
Uruguay	7.1	15.7
Venezuela	20.1	44.3
Europe:		
Albania	1.3	2.9
Armenia	1.2	2.6
Austria	10.6	23.4
Azerbaijan	1.2	2.6
Belarus	1.0	2.2
Belgium and Luxembourg	19.6	43.2

Region and Country	Estimated live weight equivalent	
	Kilograms	Pounds
Europe - Continued:		
Bosnia-Hercegovina	1.2	2.6
Bulgaria	2.0	4.4
Croatia	3.6	7.9
Czech Republic	8.6	19.0
Denmark	23.6	52.0
Estonia	20.4	45.0
Faeroe Island	86.1	189.8
Finland	32.8	72.3
France	28.4	62.6
Georgia	1.6	3.5
Germany	12.4	27.3
Greece	25.4	56.0
Hungary	4.0	8.8
Iceland	91.1	200.8
Ireland	16.8	37.0
Italy	22.0	48.5
Kazakhstan	2.6	5.7
Kyrgyzstan	0.4	0.9
Latvia	21.8	48.1
Lithuania	16.9	37.3
Macedonia	4.3	9.5
Malta	27.4	60.4
Moldova	1.3	2.9
Netherlands	15.4	34.0
Norway	50.1	110.5
Poland	10.5	23.1
Portugal	59.8	131.8
Romania	2.3	5.1
Russian Federation	19.5	43.0
Slovakia	7.1	15.7
Slovenia	6.9	15.2
Spain	40.5	89.3
Sweden	26.1	57.5
Switzerland	13.8	30.4
Tajikistan	0.1	0.2
Turkmenistan	2.2	4.9
Ukraine	6.8	15.0
United Kingdom	20.1	44.3
Uzbekistan	0.5	1.1
Yugoslavia	2.1	4.6
Near East:		
Afghanistan	0.1	0.2
Bahrain	16.2	35.7
Cyprus	21.0	46.3
Egypt	9.3	20.5
Iran	5.0	11.0
Iraq	1.6	3.5
Israel	22.6	49.8
Jordan	4.3	9.5
Kuwait	12.5	27.6
Lebanon	6.0	13.2
Libya	6.5	14.3
Oman	24.0	52.9
Qatar	12.3	27.1
Saudi Arabia	6.5	14.3
Sudan	1.7	3.7
Syria	1.0	2.2
Turkey	8.3	18.3
United Arab Emirates	27.4	60.4
Yemen Republic	7.0	15.4

See note at end of table.

(Continued on next page)

ANNUAL PER CAPITA CONSUMPTION OF FISH AND SHELLFISH FOR HUMAN FOOD, BY REGION AND COUNTRY, 1995-97 AVERAGE

Region and Country	Estimated live weight equivalent	
	Kilograms	Pounds
Far East:		
Bangladesh	10.1	22.3
Brunei	28.6	63.1
Burma	16.9	37.3
Cambodia	9.1	20.1
China	24.1	53.1
Hong Kong	56.6	124.8
India	4.6	10.1
Indonesia	17.9	39.5
Japan	69.0	152.1
Laos	8.9	19.6
Macao	35.7	78.7
Maldives	169.8	374.3
Malaysia	55.7	60.6
Mongolia	0.1	0.2
Nepal	1.0	2.2
North Korea	16.9	37.3
Pakistan	2.0	4.4
Philippines	31.0	68.3
Singapore	32.4	71.4
South Korea	51.2	112.9
Sri Lanka	18.8	41.4
Taiwan	37.3	82.2
Thailand	32.4	71.4
Vietnam	16.9	37.3
Africa:		
Algeria	3.7	8.2
Angola	7.5	16.5
Benin	9.2	20.3
Botswana	5.0	11.0
Burkina	1.2	2.6
Burundi	2.5	5.5
Cameroon	9.8	21.6
Cape Verde	24.9	54.9
Central African Rep	4.0	8.8
Chad	6.8	15.0
Comoros	21.7	47.8
Congo (Brazzaville)	25.9	57.1
Congo (Kinshasa)	5.9	13.0
Djibouti	2.0	4.4
Equatorial Guinea	20.1	44.3
Eritrea	0.8	1.8
Ethiopia	0.1	0.2
Gabon	47.5	104.7
Gambia	22.4	49.4
Ghana	21.8	48.1
Guinea	14.1	31.1
Guinea-Bissau	3.3	7.3
Ivory Coast	11.6	25.6
Kenya	5.3	11.7
Lesotho	0.0	0.0

Region and Country	Estimated live weight equivalent	
	Kilograms	Pounds
Africa - Continued:		
Liberia	5.0	11.0
Madagascar	6.4	14.1
Malawi	5.9	13.0
Mali	11.3	24.9
Mauritania	10.1	22.3
Mauritius	21.8	48.1
Morocco	7.4	16.3
Mozambique	2.0	4.4
Namibia	12.1	26.7
Niger	0.7	1.5
Nigeria	6.3	13.9
Reunion	19.3	42.5
Rwanda	0.6	1.3
Sao Tome	22.4	49.4
Senegal	32.5	71.6
Seychelles	64.9	143.1
Sierra Leone	12.4	27.3
Somalia	1.4	3.1
South Africa	7.7	17.0
St. Helena	68.1	150.1
Swaziland	0.2	0.4
Tanzania	10.7	23.6
Togo	15.7	34.6
Tunisia	9.3	20.5
Uganda	9.5	20.9
Zambia	8.4	18.5
Zimbabwe	3.5	7.7
Oceania:		
Australia	19.1	42.1
Cook Island	54.1	119.3
Fiji	32.7	72.1
French Polynesia	63.4	139.8
Kiribati	74.2	163.6
Marshall Islands	6.6	14.6
Micronesia	40.8	89.9
Nauru	37.9	83.6
New Caledonia	22.1	48.7
New Zealand	22.4	49.4
Niue	56.3	124.1
Palau	102.4	225.8
Papua New Guinea	14.8	32.6
Solomon Islands	40.6	89.5
Tokelau	152.5	336.2
Tonga	33.4	73.6
Tuvalu	20.0	44.1
Vanuatu	26.1	57.5
Wallis and Futuna Islands	12.5	27.6
Western Samoa	55.5	122.4
World	**15.7**	**34.6**

Note:--Data for most countries are tentative. Aquatic plants are included where applicable.
Source:--Food and Agriculture Organization of the United Nations (FAO)

Per Capita Consumption

Per capita use of commercial fish and shellfish is based on the supply of fishery products, both edible and nonedible (industrial), on a round weight equivalent basis, without considering the beginning or ending stocks, defense purchases, or export.

Per capita use figures are not comparable with per capita consumption data. Per capita consumption figures represent edible (for human use) meat weight consumption rather than round weight consumption. In addition, per capita consumption includes allowances for beginning and ending stocks and exports, whereas the use does not include such allowances.

Per capita use is derived by using total population including U.S. Armed Forces overseas. The per capita consumption is derived by using civilian resident population.

U.S ANNUAL PER CAPITA USE OF COMMERCIAL FISH AND SHELLFISH, 1960-2000 (1)

Year	Total population including armed forces overseas July 1	U.S. supply	Per capita utilization		
			Commercial landings	Imports	Total
	Million persons	Million pounds	Pounds		
1960	180.7	8,223	27.3	18.2	45.5
1961	183.7	9,570	28.2	23.9	52.1
1962	186.5	10,408	28.7	27.1	55.8
1963	189.2	11,434	25.6	34.8	60.4
1964	191.9	12,031	23.7	39.0	62.7
1965	194.3	10,535	24.6	29.6	54.2
1966	196.6	12,469	22.2	41.2	63.4
1967	198.7	13,991	20.4	50.0	70.4
1968	200.7	17,381	20.7	65.9	86.6
1969	202.7	11,847	21.4	37.0	58.4
1970	205.1	11,474	24.0	31.9	55.9
1971	207.7	11,804	24.1	32.7	56.8
1972	209.9	13,849	22.9	43.1	66.0
1973	211.9	10,378	22.9	26.1	49.0
1974	213.9	9,875	23.2	23.0	46.2
1975	216.0	10,164	22.6	24.5	47.1
1976	218.0	11,593	24.7	28.5	53.2
1977	220.2	10,652	23.9	24.4	48.3
1978	222.6	11,509	27.1	24.6	51.7
1979	225.1	11,831	27.9	24.7	52.6
1980	227.7	11,357	28.5	21.4	49.9
1981	230.0	11,353	26.0	23.4	49.4
1982	232.2	12,011	27.4	24.3	51.7
1983	234.3	12,352	27.5	25.2	52.7
1984	236.3	12,552	27.3	25.8	53.1
1985	238.5	15,150	26.2	37.3	63.5
1986	240.7	14,368	25.1	34.6	59.7
1987	242.8	15,744	28.4	36.4	64.8
1988	245.0	14,628	29.3	30.4	59.7
1989	247.3	15,485	34.2	28.4	62.6
1990	249.9	16,349	37.6	27.8	65.4
1991	252.7	16,363	37.5	27.3	64.8
1992	255.5	16,106	37.7	25.3	63.0
1993	258.2	20,334	40.6	38.2	78.8
1994	260.7	19,309	40.1	34.0	74.1
1995	263.0	16,484	37.2	25.5	62.7
1996	265.3	16,474	36.1	26.0	62.1
1997	268.2	17,132	36.7	27.2	63.9
1998	270.6	16,897	34.0	28.5	62.5
1999	272.9	17,378	34.2	29.5	63.7
2000	275.4	17,338	32.9	30.0	62.9

(1) Data include U.S. commercial landings and imports of both edible and nonedible (industrial) fishery products on a round weight basis. "Total supply" is not adjusted for beginning and ending stocks, defense purchases, or exports.

SUMMARY OF 2000 VALUE ADDED, MARGINS, AND CONSUMER EXPENDITURES FOR COMMERCIAL MARINE FISHERY PRODUCTS IN THE UNITED STATES (1)

Sector or type of activity	Purchase of fishery inputs	Mark-up of fishery inputs	Total mark-up within sector	Value added as percent of total mark-up	Value added within sector	Value of sales by sector	Value added contri-bution	Offshore fleet & exported fishery products
	Thousand Dollars	Percentage of Fishery Inputs	Thousand Dollars	Percentage	Thousand Dollars	Thousand Dollars	Percentage of GNP Con-tribution	Thousand Dollars
Domestic Harvest:								
Edible	-	100.0	$3,401,112	62.8	$2,136,264	$3,401,112	7.7	-
Industrial	-	100.0	$112,403	59.4	$66,719	$112,403	0.2	-
Harvest not landed in U.S	-	100.0	$88,770	66.7	$59,209	$88,770	0.2	$88,770
Imports, Unprocessed	$4,177,564	-	-	-	-	$4,177,564	-	-
Exports, Unprocessed	-	-	-	-	-	-	-	$964,900
Primary Wholesale and Processing	$6,726,179	76.4	$5,138,583	60.5	$3,108,620	$11,864,762	11.2	-
Imports, Processed	$6,016,967	-	-	-	-	$6,016,967	-	-
Exports, Processed	-	-	-	-	-	-	-	$1,996,932
Secondary Wholesale and Processing:								
Edible	$15,689,467	62.7	$9,838,880	28.0	$2,759,170	$25,528,348	9.9	-
Industrial	$195,330	62.7	$122,491	28.0	$34,351	$317,821	0.1	-
Retail Trade from Food Service	$13,454,343	182.4	$24,541,534	69.8	$17,120,947	$37,995,887	61.4	-
Retail Trade from Stores	$12,074,004	33.4	$4,035,408	64.2	$2,592,004	$16,109,412	9.3	-
TOTAL U.S. VALUE ADDED ACTIVITY:					**$27,877,285**		**100.0**	
CONSUMERS EXPENDITURES (& WHOLESALE PURCHASES OF INDUSTRIAL PRODUCTS) FOR FISHERY PRODUCTS:						**$54,423,120**		

(1) Includes industrial products and landings by U.S.-flag vessels at U.S. ports, foreign ports, and transfers to internal water processing vessels.

Note.-- The table reports the contribution of commercial marine fishing to the national economy as measured by margin, value added, and sales. These measures are consistent with the Bureau of the Census definitions.

Margin or mark-up is the difference between the price paid for the product by the consumer or wholesale purchaser and the dockside or wholesale value for an equivalent weight of the product. (It is assumed that fishermen catch their fish without paying purchase price and therefore the entire dockside or exvessel price is considered margin.) Value added is a measure of the factors added to the total worth of a product at each stage of the production process. It is defined as the gross receipts of firms minus the cost of purchased goods and services needed to fabricate the products. Gross National Product (GNP) is equal to the sum of the value added of all economic entities in the economy. Value added within a sector respresents that sector's contribution to GNP.

Value added includes wages, salaries, interest, depreciation, rent, taxes and profit. Consumer expenditures are the final retail value of seafood products sold through stores and food service outlets plus secondary wholesale and processing of industrial products.

Prices

The Exvessel Price table is an index of changes in the relative dockside value of fish and shellfish sold by fishing vessels. The table indexes the average annual exvessel value (price per pound) received for each species or group to the average price per pound received for the same species or group in the base year 1982.

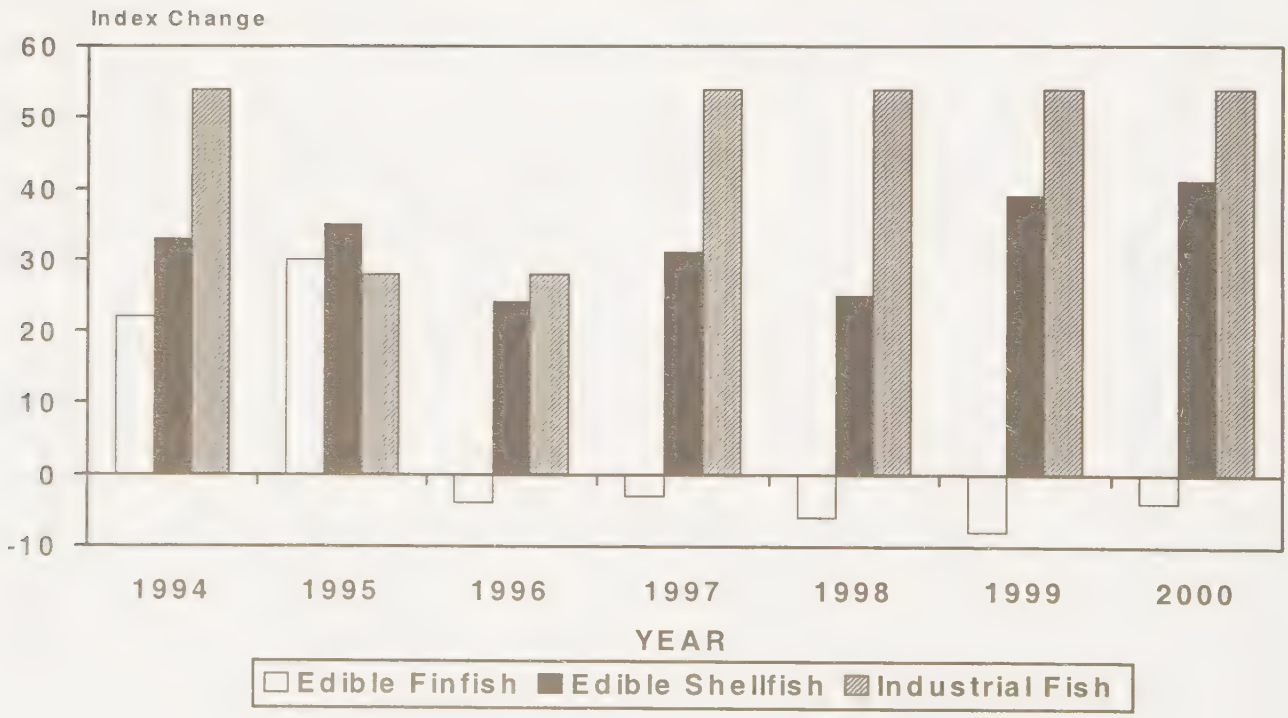
The exvessel price for each year was obtained by dividing total value for each species or group by its total quantity as reported in the U. S. commercial landings tables on pages 8 thru 13. The index for each species or group was obtained by multiplying the current annual price by the total quantity caught in 1982 (the base year). That number was then divided by the 1982 value to obtain the final index:

$$\frac{(100 \times \text{Current price} \times 1982 \text{ quantity})}{1982 \text{ Annual value}} = \text{Index}$$

Each index number measures price changes from the 1982 reference period when the index equaled 100. A species of fish that sold for $0.75 a pound in 1986 and a $1.00 a pound in 1982 would have an index of 75 in 1986. In 2000, if the price of the same species increased to $1.07, the index in 2000 would be 107.

Percent Changes in the Exvessel Price Index, 1994-2000

(Change Relative to Base Year = 1982)



INDEXES OF EXVESSEL PRICES FOR FISH AND SHELLFISH, BY YEARS, 1994-2000
(1982=100)

Species	1994	1995	1996	1997	1998	1999	2000
Groundfish, et al:							
Cod	92	77	76	84	68	68	106
Haddock	287	277	239	218	253	264	264
Pollock:							
Atlantic	365	412	311	255	294	372	352
Alaska	212	161	160	170	124	124	109
Flounders	80	96	91	63	67	74	72
Total groundfish, et al.	**125**	**125**	**115**	**100**	**99**	**106**	**144**
Halibut	171	173	199	195	165	180	225
Sea herring	86	126	137	63	46	57	51
Salmon:							
Chinook	76	76	63	70	64	92	89
Chum	58	66	36	49	39	40	54
Pink	73	67	38	52	61	61	58
Sockeye	101	100	94	103	131	87	86
Coho	76	54	48	70	54	96	54
Total salmon	**85**	**82**	**69**	**81**	**90**	**81**	**75**
Swordfish	107	104	103	91	70	76	78
Tuna:							
Albacore	125	120	130	124	99	125	134
Bluefin	666	954	229	353	295	736	760
Skipjack	127	83	82	93	79	63	52
Yellowfin	205	283	113	126	100	88	122
Total tuna	**181**	**212**	**105**	**118**	**96**	**94**	**109**
Total edible finfish	**122**	**130**	**96**	**97**	**94**	**92**	**96**
Clams:							
Hard	105	113	148	163	174	160	144
Ocean Quahog	129	136	142	145	148	154	166
Soft	248	250	205	236	238	255	237
Surf	118	118	115	116	103	99	106
Total clams	**133**	**138**	**147**	**159**	**161**	**157**	**150**
Crabs:							
Blue	260	284	266	271	271	303	303
Dungeness	145	176	143	210	192	213	222
King	146	104	100	94	80	175	137
Snow	144	237	130	76	54	85	177
Total crabs	**166**	**182**	**144**	**135**	**121**	**178**	**188**
American lobster	128	141	147	138	138	160	157
Oysters	175	179	214	199	188	191	156
Scallops:							
Bay	49	55	69	111	90	133	134
Calico	94	124	-	217	(1)	93	(1)
Sea	138	138	153	179	166	166	137
Total scallops	**126**	**131**	**129**	**178**	**141**	**155**	**121**
Shrimp:							
Gulf and South Atlantic	110	99	88	106	94	97	111
Other	142	179	148	134	331	152	144
Total shrimp	**111**	**103**	**91**	**107**	**105**	**100**	**112**
Total edible shellfish	**138**	**135**	**124**	**133**	**125**	**139**	**141**
Total edible fish and shellfish	**131**	**133**	**111**	**117**	**111**	**118**	**121**
Industrial fish, Menhaden	154	128	128	154	154	154	154
All fish and shellfish	**132**	**132**	**112**	**119**	**113**	**119**	**122**

(1) Confidential data.

ESTIMATED NUMBER OF COMMERCIAL FISHING VESSELS (1) AND FISHING BOATS (2) BY REGION AND STATE, 1998 - 1999

Area and State	1998			1999		
	Vessels	Boats	Total	Vessels	Boats	Total
Northeast:						
Connecticut	245	318	563	232	281	513
Delaware	175	NA	175	178	NA	178
Maine	1,642	5,799	7,441	1,653	5,821	7,474
Maryland (3)	33	NA	33	34	NA	34
Massachusetts	715	4,500	5,215	700	4,520	5,220
New Hampshire	115	461	576	121	468	589
New Jersey	387	1,147	1,534	421	NA	421
New York (4)	689	2,931	3,620	678	2,825	3,503
Rhode Island	312	2,401	2,713	330	2,239	2,569
Virginia (3)	122	NA	122	241	NA	241
South Atlantic and Gulf:						
North Carolina	891	NA	891	667	NA	667
South Carolina	569	NA	569	577	NA	577
Georgia	350	NA	350	350	NA	350
Florida	2,384	6,157	8,541	2,214	5,602	7,816
Alabama	398	1,338	1,736	454	1,231	1,685
Mississippi	454	688	1,142	502	707	1,209
Louisiana	2,535	11,637	14,172	2,450	11,414	13,864
Texas	NA	NA	NA	NA	NA	NA
West Coast:						
Alaska	6,384	9,445	15,829	6,321	9,424	15,745
Washington	904	428	1,332	783	343	1,126
Oregon	668	296	964	643	308	951
California	1,392	1,191	2,583	1,438	1,142	2,580
Hawaii	2,855	NA	2,855	NA	NA	2,901
Great Lakes (5)						
Illinois	5	NA	5	5	NA	5
Indiana	NA	NA	NA	NA	NA	NA
Michigan	61	74	135	NA	NA	NA
Minnesota	1	22	23	1	24	25
New York	2	NA	2	1	NA	1
Ohio	40	19	59	34	21	55
Pennsylvania	2	1	3	2	1	3
Wisconsin	89	16	105	68	18	86

(1) Vessels are documented craft greater than 5 net registered tons.

(2) Boats are craft less than 5 net registered ton.

(3) Only Federally collected data are available. Inshore data are not available.

(4) Excludes vessels andboats in the Great Lakes.

(5) Commercial fishing fleet size of the Great Lakes states represent only the number of licenses issued by the State; therefore , may not be an accurate total. Tribal data are not included in this table.

NA -- Data not available or provided seperately.

PROCESSORS AND WHOLESALERS: PLANTS, AND EMPLOYMENT, 1999

Area and State	Processing		Wholesale (1)		Total	
	Plants	Employment	Plants	Employment	Plants	Employment
	Number					
New England:						
Maine	50	1,749	228	1,601	278	3,350
New Hampshire	8	362	28	169	36	531
Massachusetts	63	2,299	306	2,689	369	4,988
Rhode Island	17	463	54	380	71	843
Connecticut	4	70	38	308	42	378
Total	**142**	**4,943**	**654**	**5,147**	**796**	**10,090**
Mid-Atlantic:						
New York	7	179	348	2,569	355	2,748
New Jersey	16	1,168	NA	NA	16	1,168
Pennsylvania	6	1,954	65	842	71	2,796
Delaware	(2)	(2)	(2)	(2)	(2)	(2)
District of Columbia	-	-	6	94	6	94
Maryland	26	943	80	672	106	1,615
Virginia	37	1,639	79	548	116	2,187
Total	**92**	**5,883**	**578**	**4,725**	**670**	**10,608**
South Atlantic:						
North Carolina	41	1,276	96	851	137	2,127
South Carolina	4	77	31	188	35	265
Georgia	6	1,096	58	598	64	1,694
Florida	98	3,285	364	3,180	462	6,465
Total	**149**	**5,734**	**549**	**4,817**	**698**	**10,551**
Gulf:						
Alabama	75	1,361	53	783	128	2,144
Mississippi	36	2,712	36	244	72	2,956
Louisiana	122	2,673	161	1,189	283	3,862
Texas	23	1,309	116	1,294	139	2,603
Total	**256**	**8,055**	**366**	**3,510**	**622**	**11,565**
Pacific:						
Alaska	190	8,900	189	371	379	9,271
Washington	84	3,601	214	1,627	298	5,228
Oregon	31	1,081	24	386	55	1,467
California	122	6,283	410	4,931	532	11,214
Total	**427**	**19,865**	**837**	**7,315**	**1,264**	**27,180**
Inland States, Total	**21**	**1,453**	**407**	**3,731**	**428**	**5,184**
Other Areas or States: (3), Total	**26**	**9,067**	**71**	**750**	**97**	**9,817**
Grand total	**1,113**	**55,000**	**3,462**	**29,995**	**4,575**	**84,995**

(1) Data are based on Standard Industrial Classification Code 5146, as reported by the Bureau of Labor Statistics.
(2) Included with Inland States for confidentiality reasons.
(3) Includes American Samoa, Hawaii, and Puerto Rico. NA -- Data not available

Fishery Products Inspection

FISHERY PRODUCTS AND ESTABLISHMENTS INSPECTED IN CALENDAR YEAR, 2000

Region	Edible fishery products						
	Establishment (1)		Amount inspected				
	SIFE (2)	In-plant (3)	Grade A (4)	PUFI (4)	No mark (5)	Lot (6)	Total
	-Average number-		Thousand pounds				
Northeast	0	90	26,348	140,189	59,228	79,163	304,926
Southeast	0	104	13,398	81,200	57,905	102,461	254,964
West	1	64	20,017	27,307	281	217,397	265,002
Total	**1**	**257**	**59,761**	**248,696**	**117,414**	**399,021**	**(7) 824,892**

(1) These establishments are inspected under contract and certified as meeting U.S. Department of Commerce (USDC) regulations on construction and maintenance of facilities, equipment processing techniques, and employment practices.

(2) Fish processing establishments approved for sanitation under the Sanitary Inspected Fish Establishment Service (SIFE). Products are not processed under inspection.

(3) Sanitarily inspected fish establishments processing fishery products under USDC inspection. As of December 2000, 78 of these were in the Hazard Analysis Critical Control Point (HACCP) Program.

(4) Products processed under USDC inspection in inspected establishments and labeled with USDC inspection mark as "Processed Under Federal Inspection" (PUFI) and/or "U.S. Grade A."

(5) Products processed under inspection in inspected establishments but bearing no USDC inspection mark.

(6) Lot inspected and marked products checked for quality and condition at the time of examination and located in processing plants, warehouses, cold storage facilities, or terminal markets anywhere in the United States.

(7) Based on 1999 per capita consumption data, approximately 17.3 percent of seafood consumed in the U.S. is certified under the auspices of the Seafood Inspection Program.

Note:—Table may not add due to rounding.

Source:—NMFS, Seafood Inspection Program, F/SI.

The Magnuson-Stevens Fishery Conservation and Management Act

The Magnuson-Stevens Fishery Conservation and Management Act, Public Law 94-265 as amended (Magnuson-Stevens Act), provides for the conservation and management of fishery resources within the U.S. Exclusive Economic Zone (EEZ). It also provides for fishery management authority over continental shelf resources and anadromous species beyond the EEZ, except when they are found within a foreign nation's territorial sea or fishery conservation zone (or equivalent), to the extent that such sea or zone is recognized by the United States.

The EEZ extends from the seaward boundary of each of the coastal States (generally 3 nautical miles from shore for all but two States) to 200 nautical miles from shore. The seaward boundaries of Texas, Puerto Rico, and the Gulf coast of Florida are 3 marine leagues (9 nautical miles). The EEZ encompasses approximately 3.36 million square nautical miles.

GOVERNING INTERNATIONAL FISHERY AGREEMENT

Under the Magnuson-Stevens Act, the Secretary of State, in cooperation with the Secretary of Commerce, negotiates Governing International Fishery Agreements (GIFAs) with foreign nations requesting to fish within the EEZ. After a GIFA is signed, it is transmitted by the President to the Congress for ratification.

FOREIGN FISHING PERMITS

Title II of the Magnuson-Stevens Act governs foreign fishing in the EEZ. The process applied to foreign fishing has been described in prior issues of this publication. As U.S. fishing capacity grew, foreign participation in directed fisheries, as well as in foreign joint ventures in which U.S. vessels delivered U.S. harvested fish to permitted foreign vessels in the EEZ diminished until, in 1991, foreign vessels no longer were permitted to conduct directed fishing in the EEZ. This marked the achievement of one of the objectives of the Magnuson-Stevens Act, that is, the development of the U.S. fishing industry to take what were in 1976 underutilized species, and the displacement of directed foreign fishing effort in the EEZ. Although small quantities of Atlantic herring and Atlantic mackerel where available for joint ventures in 2000, no foreign permits where issued.

FMPs and PMPs

Under the Magnuson-Stevens Act, eight Regional Fishery Management Councils are charged with preparing Fishery Management Plans (FMPs) for the fisheries needing management within their areas of authority. After the Councils prepare FMPs that cover domestic and foreign fishing efforts, the FMPs are submitted to the Secretary of Commerce (Secretary) for approval and implementation. The Department, through NMFS agents and the U.S. Coast Guard, is responsible for enforcing the law and regulations.

The Secretary is empowered to prepare FMPs in the Atlantic and Gulf of Mexico for highly migratory species. The Secretary is also empowered to produce an FMP or an FMP amendment for any fishery for which a Council has not duly produced an FMP.

The Atlantic swordfish, Atlantic sharks, and Atlantic billfish fisheries are currently being managed under Secretarial FMPs under the Magnuson-Stevens Act. The Western Atlantic bluefin tuna fishery is managed under the Magnuson-Stevens Act and the Atlantic Tunas Convention Act.

FISHERY MANAGEMENT PLANS (FMPs)

Under section 304 of the Magnuson-Stevens Act, all Council-prepared FMPs must be reviewed for approval by the Secretary. After FMPs have been approved under section 304 of the Magnuson-Stevens Act, they are implemented by Federal regulations, under section 305 of the Act. As of December 31, 2000, there were 40 FMPs in place. Of these, two are Secretarial FMPs for Atlantic highly migratory species. The 38 FMPs the Councils prepared are listed below. The FMPs are amended by the Councils and the amendments are submitted for approval under the same Secretarial review process as new FMPs. Nearly all the FMPs listed have been amended since initial implementation, with some having over 50 amendments.

Northeast Multispecies

Atlantic Herring

Monkfish

The Magnuson-Stevens Fishery Conservation and Management Act

Atlantic Bluefish

Atlantic Coast Red Drum

Atlantic Mackerel, Squid, and Butterfish

Atlantic Salmon

Atlantic Sea Scallops

Atlantic Surf Clams and Ocean Quahogs

Summer Flounder, Scup, and Black Sea Bass

Spiny Dogfish

Gulf and South Atlantic Spiny Lobster

Caribbean Reef Fish

Gulf of Mexico Reef Fish

Gulf of Mexico Corals

South Atlantic Corals

South Atlantic Golden Crab

Caribbean Coral Reef Resources

Gulf of Mexico Shrimp

Gulf of Mexico Stone Crab

Gulf of Mexico Red Drum

Coastal Migratory Pelagics

Caribbean Queen Conch

Caribbean Spiny Lobster

South Atlantic Snapper/Grouper

South Atlantic Shrimp

Coastal Pelagic Species

King and Tanner Crab

Commercial and Recreational Salmon

High Seas Salmon

Pacific Coast Groundfish

Gulf of Alaska Groundfish

Bering Sea and Aleutian Islands Groundfish

Alaska Scallops

Western Pacific Crustaceans

Western Pacific Precious Corals

Western Pacific Bottomfish and Seamount Groundfish

Western Pacific Pelagics

In 2000, NMFS published approximately 1,000 documents in the Federal Register that affected domestic fishing issues and either proposed or implemented fishery management actions (i.e., FMP and amendments). The documents published included hearings, meetings, corrections, other public notice, and proposed and final rule documents.

REGIONAL FISHERY MANAGEMENT COUNCILS

Council	Constituent States	Telephone Number	Executive Directors and Addresses
NEW ENGLAND	(Maine, New Hampshire, Massachusetts, Rhode Island, and Connecticut)	978-465-0492 FAX: 465-3116	Paul J. Howard 50 Water St. The Tannery -- Mill 2 Newburyport, MA 01950
MID-ATLANTIC	(New York, New Jersey, Delaware, Pennsylvania, Maryland, Virginia, and North Carolina)	302-674-2331 FAX: 674-5399	Daniel T. Furlong Federal Bldg., Rm. 2115 300 South New St. Dover, DE 19904
SOUTH ATLANTIC	(North Carolina, South Carolina, Georgia and Florida)	843-571-4366 FAX: 769-4520	Robert K. Mahood 1 Southpark Circle Suite 306 Charleston, SC 29407
GULF OF MEXICO	(Texas, Louisiana Mississippi, Alabama, and Florida)	813-228-2815 FAX: 225-7015	Wayne E. Swingle 3018 U.S. Highway 301, North Suite 1000 Tampa, FL 33619
CARIBBEAN	(U.S. Virgin Islands and Commonwealth of Puerto Rico)	787-766-5926 FAX: 766-6239	Miquel A. Rolon 268 Ave. Munoz Rivera Suite 1108 San Juan, PR 00918
PACIFIC	(California, Washington, Oregon, and Idaho)	503-326-6352 FAX: 326-6831	Donald O. McIsaac 2130 S.W. 5th Ave. Suite 224 Portland, OR 97201
NORTH PACIFIC	(Alaska, Washington, and Oregon)	907-271-2809 FAX: 271-2817	Clarence G. Pautzke 605 W. 4th Ave. Room 306 Anchorage, AK 99501
WESTERN PACIFIC	(Hawaii, American Samoa, Guam, and Commonwealth of the Northern Mariana Islands)	808-522-8220 FAX: 522-8226	Kitty M. Simonds 1164 Bishop St. Suite 1400 Honolulu, HI 96813

OPTIMUM YIELD (OY) AND OTHER SPECIFICATIONS, INCLUDING AMOUNTS AVAILABLE FOR JOINT VENTURE PROCESSING: NORTH ATLANTIC, BY SPECIES, 2000 (1)

Item	Loligo squid	Illex squid	Atlantic mackerel	Butter-fish	Atlantic herring
	Metric tons, round weight				
Maximum OY	(2) 26,000	(2) 24,000	(3)	(2) 6,000	(4) 224,000
ABC	13,000	24,000	347,000	7,200	300,000
Initial OY	13,000	24,000	(5) 75,000	5,900	224,000
DAH	13,000	24,000	(6) 75,000	5,900	224,000
DAP	13,000	24,000	50,000	5,900	180,000
JVP	0	0	10,000	0	20,000
Other	NA	NA	NA	NA	(7) 24,000
TALFF	0	0	0	0	0

(1) OY=Optimum Yield; ABC=Allowable Biological Catch; DAH=Domestic Annual Harvest; DAP=Domestic Annual Processing; JVP=Joint Venture Processing; and TALFF=Total Allowable Level of Foreign Fishing.

(2) Maximum OY based on the Fishery Management Plan for Atlantic mackerel, squid and butterfish.

(3) Not applicable based on the Fishery Management Plan for Atlantic mackerel, squid and butterfish.

(4) Maximum OY based on the Fishery Management Plan for Atlantic Herring.

(5) Initial OY can increase during the year, but the total cannot exceed 347,000 metric tons.

(6) Includes 15,000 metric tons of Atlantic mackerel recreational allocation.

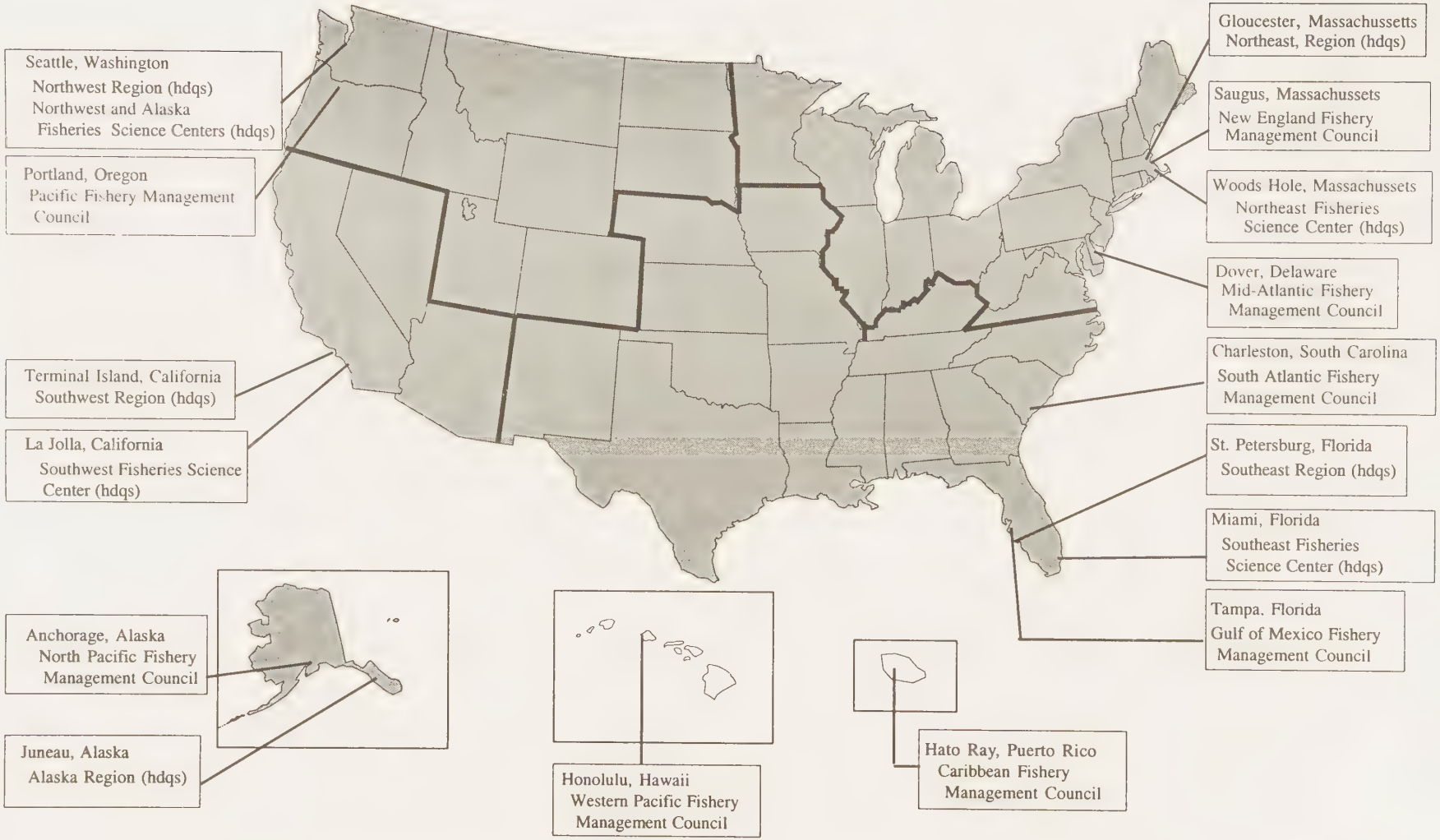
(7) Represents 20,000 metric tons specified for U.S. at-sea processing and 4,000 metric tons specified for transfers to Canadian herring carriers.

NA -- Not available

Source:—NMFS, Office of Sustainable Fisheries, F/SF; and NMFS, Northeast Region, F/NER.

NMFS Regional Offices
NMFS Fisheries Science Centers
Regional Fishery Management Councils

Headquarters Locations



UNITED STATES DEPARTMENT OF COMMERCE

14th and Constitution Ave., NW
Washington, DC 20230

MAIL ROUTING CODE		TELEPHONE NUMBER
--	**Secretary of Commerce** Donald L. Evans	202-482-2112
A	**Under Secretary for Oceans and Atmosphere** Scott G. Gudes, Acting	202-482-3436

NATIONAL MARINE FISHERIES SERVICE

1315 East-West Highway
Silver Spring Metro Center #3 (SSMC)
Silver Spring, MD 20910

F	**Assistant Administrator for Fisheries --** William T. Hogarth, Acting	301-713-2239
	Deputy Assistant Administrator for Regulatory Programs -- Rebecca J. Lent	301-713-2239
	Deputy Assistant Administrator for Operations -- John Oliver	301-713-2239
	Chief Information Officer -- Larry Tyminski	301-713-2372
	Equal Employment Opportunity -- Natalie Huff	301-713-1456
Fx1	**Staff Office for Industry and Trade --** Linda Chaves	301-713-2379
Fx2	**Staff Office for Intergovernmental and Recreational Fisheries --** Richard Schaefer	301-427-2401
F/EN	**Office of Law Enforcement --** Dale Jones	301-427-2300
F/EN1	Enforcement Operations Division	301-427-2300
F/SI	**Seafood Inspection Program --** Samuel W. McKeen	301-713-2351
F/HC	**Office of Habitat Conservation --** Rolland A. Schmitten	301-713-2325
F/HCx1	Chesapeake Bay Program Office	410-267-5660
F/HC1	Watershed Division	301-713-2325
F/HC2	Habitat Protection Division	301-713-2325
F/HC3	Habitat Restoration Division	301-713-0174

(CONTINUED)

NATIONAL MARINE FISHERIES SERVICE

Silver Spring, Md. 20910

MAIL ROUTING CODE		TELEPHONE NUMBER
F/OM	**Office of Operations, Management & Information --** Alan Risenhoover, Acting	301-713-2259
F/OM 1	Administrative & Budget Processes Division	301-713-2245
F/OM 2	Planning and Development Division	301-713-2252
F/OM 3	Information Management Division	301-713-2372
F/OM 4	Budget, Development and Justification Division	301-713-2245
F/OM 5	Management and Administration Division	301-713-2259
F/PR	**Office of Protected Resources --** Donald Knowles	301-713-2332
F/PR1	Permits Division	301-713-2289
F/PR2	Marine Mammal Conservation Division	301-713-2322
F/PR3	Endangered Species Division	301-713-1401
F/SF	**Office of Sustainable Fisheries --** Bruce Morehead, Acting	301-713-2334
F/SF1	Highly Migratory Species Division	301-713-2347
F/SF2	Financial Services Division	301-713-2390
F/SF3	Domestic Fisheries Division	301-713-2341
F/SF4	International Fisheries Division	301-713-2276
F/SF5	Regulatory Services Division	301-713-2337
F/SF6	National Seafood Laboratory	301-713-2334
F/ST	**Office of Science and Technology --** William Fox, Jr.	301-713-2367
F/ST1	Fisheries Statistics & Economics Division	301-713-2328
F/ST2	Research Analysis and Coordination Division	301-713-2363
F/ST21	Scientific Publications Unit	206-526-6107
F/ST3	International Science Coordination and Analysis Division	301-713-2288
LA11	**Office of Congressional Affairs - Fisheries --** Michelle Fox	301-713-2263
PAF	**Office of Public Affairs - Fisheries --** Gordon Helm	301-713-2370
GCF	**Office of General Counsel - Fisheries --** Karl Gleaves (Acting)	301-713-2231

NATIONAL MARINE FISHERIES SERVICE
REGIONAL FACILITIES

MAIL ROUTING CODE	OFFICE	TELEPHONE and FAX NUMBER	LOCATION
F/NER	**Northeast Region** **One Blackburn Drive** **Gloucester, MA 01930**	**978-281-9300** **Fax-281-9371**	**Gloucester, MA**
F/NEC3	Northeast Fisheries Science Center 166 Water St. - Rm. 312 Woods Hole, MA 02543	508-495-2233 Fax-548-2258	Woods Hole, MA
	Woods Hole Laboratory 166 Water St. Woods Hole, MA 02543	508-495-2000 Fax-495-2258	Woods Hole, MA
	Narragansett Laboratory 28 Tarwell Drive Narragansett, RI 02882	401-782-3200 Fax-782-3201	Narragansett, RI
	Milford Laboratory 212 Rigers Ave. Milford, CT 06460	203-579-7000 FAX-579-7070	Milford, CT
	Sandy Hook Laboratory Building 74, McGruder Highlands, NJ 07732	732-872-3000 FAX-872-3088	Highlands, NJ
F/NEC3	Natl. Systematics Laboratory, MRC15 10th & Constitution Ave., NW Washington, DC 20560	202-357-2550 FAX-357-1896	Washington, DC
F/SER	**Southeast Region** **9721 Executive Center Drive, N.** **St. Petersburg, FL 33702**	**727-570-5301** **FAX-570-5300**	**St. Petersburg, FL**
F/SEC	Southeast Fisheries Science Center 75 Virginia Beach Dr. Miami, FL 33149	305-361-4284 FAX-361-4219	Miami, FL
F/SEC4	Miami Laboratory 75 Virginia Beach Dr. Miami, FL 33149	305-361-4225 FAX-361-4499	Miami, FL
F/SEC5	Mississippi Laboratories 3209 Frederick St., P.O. Drawer 1207 Pascagoula, MS 39567	228-762-4591 FAX-769-9200	Pascagoula, MS
F/SEC6	Panama City Laboratory 3500 Delwood Beach Rd. Panama City, FL 32408	850-234-6541 FAX-235-3559	Panama City, FL
F/SEC7	Galveston Laboratory 4700 Avenue U Galveston, TX 77551	409-766-3500 FAX-766-3508	Galveston, TX

(Continued)

NATIONAL MARINE FISHERIES SERVICE
REGIONAL FACILITIES

MAIL ROUTING CODE	OFFICE	TELEPHONE and FAX NUMBER	LOCATION
F/SEC9	Beaufort Laboratory 101 Pivers Island Rd Beaufort, NC 28516	252-728-3595 FAX-728-8784	Beaufort, NC
F/NWR	**Northwest Region** **7600 Sand Point Way, N.E., Bldg. 1** **Seattle, WA 98115**	**206-526-6150** **FAX-526-6426**	**Seattle, WA**
F/NWC	Northwest Fisheries Science Center West Bldg. - Rm. 363 2725 Montlake Boulevard, East Seattle, WA 98112	206-860-3200 FAX-860-3217	Seattle, WA
F/SW	**Southwest Region** **501 West Ocean Blvd., Suite 4200** **Long Beach, CA 90802**	**562-980-4000** **FAX-980-4018**	**Long Beach, CA**
F/SWC	Southwest Fisheries Science Center 8604 La Jolla Shores Dr. P.O. Box 271 La Jolla, CA 92038	858-546-7000 FAX-546-5655	La Jolla, CA
F/SWC2	Honolulu Laboratory 2570 Dole Street, Rm. 106 Honolulu, HI 96822	808-983-5300 FAX-983-2902	Honolulu, HI
	Pacific Islands Area Office 1601 Kapiolani Blvd., Rm. 1110 Honolulu, HI 96814	808-973-2937 FAX-973-2941	Honolulu, HI
F/SWC3	Santa Cruz / Tiburon Laboratory 110 Shaffer Rd. Santa Cruz, CA 95060	415-435-3149 FAX-435-3675	Santa Cruz, CA
F/SWC4	Pacific Fisheries Environmental Group 1352 Lighthouse Ave. Pacific Grove, CA 93950	408-648-8515 FAX-648-8440	Pacific Grove, CA
F/AKR	**Alaska Region** **709 West 9th Street, Room 453** **P.O. Box 21668** **Juneau, AK 99802**	**907-586-7221** **FAX-586-7249**	**Juneau, AK**
F/AKC	Alaska Fisheries Science Center, 7600 Sand Point Way, N.E. P.O. Box C15700 - Bldg. #4 - Rm. 2149 Seattle, WA 98115	206-526-4000 FAX-526-4004	Seattle, WA
	Kodiak Laboratory 301 Research Court Kodiak, AK 99615	907-481-1700 FAX-481-1701	Kodiak, AK
F/AKC4	Auke Bay Laboratory 11305 Glacier Highway Auke Bay, AK 99801	907-789-6000 FAX-789-6094	Auke Bay, AK

NATIONAL MARINE FISHERIES SERVICE
NATIONAL FISHERY STATISTICS OFFICES

CITY	TELEPHONE NUMBER	NAME AND ADDRESS
NEW ENGLAND:		
(1) Portland	**207-780-3322**	**Scott McNamara / Jessica Holton / Stephen Link, Marine Trade**
	FAX:780-3340	**Center, Suite 212, Two Portland Fish Pier, Portland, ME 04101**
Boston	617-223-8018	Jack French, Boston Market News, 408 Atlantic Ave., Rm. 141,
	FAX:223-8526	Boston, MA 02210
(1) Gloucester	**978-281-9304**	**Gregory R. Power, Fishery Inf. Section, One Blackburn Dr.,**
	FAX:281-9161	**Blackburn Dr., Gloucester, MA 01930**
Gloucester	978-281-9363 / 9286	Don Mason / William Heiskel, 11-15 Parker St., Fish Pier,
	FAX:281-9372	Gloucester, MA 01930
New Bedford	508-999-2452	Dennis E. Main / Sarah Babson-Pike, U.S. Custom House,
	FAX:990-2506	37 No. Second St., New Bedford, MA 02740
Chatham	508-945-5961	Lorraine Spenle, 29C Stage Harbor Road,
	FAX:945-3793	Chatham, MA 02633
Woods Hole	508-495-2309	John Mahoney, NMFS, Northeast Fisheries Science Center,
	FAX:495-2258	166 Water St., Woods Hole, MA 02543
Point Judith	401-783-7797	Walter Anoushian, 83 State St., 2nd Floor, P.O. Box 547,
	FAX:782-2113	Narragansett, RI 02882
MIDDLE ATLANTIC AND CHESAPEAKE:		
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	FAX:620-3577	Rm. 701, New York, NY 10014
East Hampton	631-324-3569	Erik Braun, 62 Newtown Lane, Suite 203,
	FAX:324-3314	East Hampton, NY 11937
Patchogue	631-475-6988	David McKernan, Social Security Bldg., 50 Maple Ave., P.O.Box 606
	FAX:289-8361	Patchoque, L.I., NY 11772
(1) Toms River	**732-349-3533**	**Eugene Steady / Nicole Wesley, 26 Main St., P.O. Box 143,**
	FAX:349-4319	**Toms River, NJ 08754**
Cape May	609-884-2113	Walt Makowski, 1382 Lafayette St., P.O. Box 624,
	FAX:884-4908	Cape May, NJ 08204
Ocean City	410-213-2761	Ingo Fleming, 12904 Kelly Bridge Lane, P.O. Box 474,
	FAX:213-7029	Ocean City, MD 21842
Hampton	757-723-3369	David Ulmer / Steve Ellis / George Mattingly, 1026 Settlers Landings
	FAX:728-3947	Suite F, P.O. Box 436, Hampton, VA 23669
Beaufort	252-728-8788	David Gloeckner, Beaufort Laboratory, 101 Pivers Island Rd.,
	FAX:728-8772	Beaufort, NC 28516
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	FAX:728-8772	**Beaufort, NC 28516**
New Smyrna Beach	904-427-6562	Claudia Dennis, Coast Guard Station/Ponce, P.O. Box 2025,
	FAX: SAME	New Smynra Beach, FL 32170
Tequesta	561-575-4461	H.Charles Schaefer / Michelle Gamby, 19100 S.E. Fedl. Highway,
	FAX:361-4565	Tequesta, FL 33469
(1) Miami	**305-361-4468**	**Guy S. Davenport / Pam Brown-Eyo, 75 Virginia Beach Dr.,**
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St. Petersburg	727-570-5393 FAX:570-5300	Renee Roman / Greg Fairclough, 9721 Executive Center Dr., St. Petersburg, FL 33702
Panama City	850-234-6541 FAX:235-3558	Deborah Fable / June Weeks, 3500 Delwood Beach Rd., Panama City, FL 32407
Mobile	334-441-6193 FAX: SAME	Ted Flowers, U.S.Coast Guard - ATC, P.O. Box 97, Mobile, AL 36608
Pascagoula	228-762-7402 FAX:769-9200	Rene Labadens / Charles Armstrong, 3209 Frederic St., P.O. Box Drawer 1207, Pascagoula, MS 39567
Chalmette	504-277-0365 / 0294 FAX:271-9150 / 0343	Maggie Bourgeois / Jay Boulet, 2626 Charles Dr., Suirte 208, Chalmette, LA 70043
Golden Meadow	504-632-4324 FAX: SAME	Gary J. Rousse, 115 Piciola Pkwy., (Galliano, LA), P.O.Box 623, Golden Meadow, LA 70357
Houma	504-872-3321 FAX: SAME	Kathleen Hebert, 425 Lafayette St., Rm. 128, Houma, LA 70360
	504-872-1403 FAX: SAME	Billy Ray Tucker, 1340 W. Tunnel Blvd., Suite 222, Houma, LA 70360
Marrero	504-328-3225 FAX: SAME	Jan Simpson, 5201 Westbank Expressway, Suite 312, Marrero, LA 70072
New Iberia/ Cameron Port	318-365-8689 / 3230 318-365-1558	Linda F. Guidry / Beth B. Bourgeois, 705-A West Admiral Doyle Dr. New Iberia, LA 70560
New Orleans	504-589-6151 504-589-6149	Debbie Batiste, 423 Canal St., Rm. 213, New Orleans, LA 70130
Aransas Pass	361-758-0436 361-758-1043	Roy Spears, 132 Cleveland Blvd., P.O. Box 1815, Aransas Pass, TX 78336
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Freeport	979-233-4551 FAX: SAME	Michelle Padgett, Texas Gulf Bank, Suite 213, P.O.Box 2533, Freeport, TX 77542
Galveston	409-766-3515 FAX:766-3543	W. Keith Roberts, 4700 Avenue U, Bldg. 302 Galveston, TX 77551
Port Arthur	409-727-2271 FAX: SAME	Linda S. Trahan, Federal Bldg., Rm. 113, 2875 Jimmy Johnson Blvd Port Arthur, TX 77640
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(1) Long Beach, CA	**562-980-4033 FAX:980-4047**	**Patricia J. Donley, 501 West Ocean Boulevard, Rm. 4200, P.O. Box 32469, Long Beach, CA 90832**
NORTHWEST PACIFIC:		
(1) Seattle	**206-526-6119 FAX:526-4461**	**John K. Bishop, Bldg. 1, 7600 Sand Point Way, NE, Seattle, WA 98115**
ALASKA :		
(1) Juneau	**907-586-7323 FAX:586-7465**	**David Ham, Federal Building, 4th Floor, 709 West 9th St., P.O. Box 21668, Juneau, AK 99802**

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CURRENT FISHERY STATISTICS (CFS) SERIES:

The reports listed below are in the Current Fisheries Statistics (CFS) series. They are statistical bulletins on marine recreational fishing, commercial fishing, and on the manufacture and commerce of fishery products. For further information or to obtain a subscription to these publications, contact the office shown below:

NOAA, National Marine Fisheries Service
Fisheries Statistics and Economics Division (F/ST1)
1315 East-West Highway - Station 12340
Silver Spring, MD 20910
Telephone: 301-713-2328

Homepage: http://www.st.nmfs.gov/st1/

The bulletins shown below cover freezings and holdings prior to 1997 and holdings only for 1997, and the U.S. foreign trade in fishery products. This information may be obtained through our homepage listing under Fishery Market News (the address is listed above).

( ) FF - Frozen Fishery Products (Annual)
( ) FT - Imports and Exports of Fishery Products (Annuals 1996 - 2000)

Foreign Trade Information from 1989 through the current month is available through our homepage.

OTHER PUBLICATIONS:

All publications listed below may be obtained from NTIS (address and phone number listed on page 114), the originating office (code follows in parentheses) or the appropriate homepage. Copies are avaiable only as long as supply lasts.

( ) Protecting and Restoring Essential Fish Habitat. (F/HC).

( ) Report on Apportionments of Membership on the Regional Fishery Management Council (RFMCs) in 2000. (F/SF).

( ) The Saltonstall-Kennedy Grant Program: Fisheries Development and Utilization Research and Development Report to Congress on Status of Fisheries of the United States. National Marine Fisheries Service. October 1998. (SFA homepage) Grants - Annotated Bibliography (F/SF).

( ) USDC Approved List of Fish Establishments and Products — Semi-Annual Report. (Documentation Approval and Supply Service, Pascagoula, MS., Phone: 228-762-1892).

Atlantic Striped Bass Studies: 1999 Biennial Report to Congress. National Marine Fisheries Service and U.S. Fish and Wildlife Service, 1999. Silver Spring, MD. 33 p. (Fx2).

Protecting Marine Mammals: Look from a Distance...but Don't Touch, Feed or Harm in the Wild. Prepared by the Texas Sea Grant Program for the Office of Protected Resources, NMFS, 1992. 6 p. (F/PR).

Recovery Plan for U.S. Pacific Population of the East Pacific Green Turtle (Chelonia mydas). National Marine Fisheries Service and U.S. Fish and Wildlife Service. 1998. Silver Spring, MD. (F/PR).

Recovery Plan for U.S. Pacific Population of the Green Turtle (Chelonia mydas). National Marine Fisheries Service and U.S. Fish and Wildlife Service. 1998. Silver Spring, MD. (F/PR).

Recovery Plan for U.S. Pacific Population of Hawksbill Turtle (Eretmocheys imbricata). National Marine Fisheries Service and U.S. Fish and Wildlife Service. 1998. Silver Spring, MD. (F/PR).

Recovery Plan for U.S. Pacific Leatherback Turtle (Dermochelys coriacea). National Marine Fisheries Service and U.S. Fish and Wildlife Service. 1998. Silver Spring, MD (F/PR).

Recovery Plan for U.S. Pacific Population of the Loggerhead Turtle (Chelonia caretta). National Marine Fisheries Service and U.S. Fish and Wildlife Service. 1998. Silver Spring, MD. (F/PR).

Recovery Plan for the Olive Ridley Turtle (Lepidochelys olivacea). National Marine Fisheries Service and the U.S. Fish and Wildlife Service, 1998. Silver Spring, MD. (F/PR).

Report to Congress on Status of Fisheries of the United States. National Marine Fisheries Service. January, 2000. (SFA homepage).

Recreational Fishery Resources Conservation Plan, Accomplishment Report for FY1998. National Marine Fisheries Service, 1999. 75 p. Silver Spring, MD. (Fx2).

COMMERCIAL FISHERIES:

Fisheries of the United States is a preliminary report with historical comparisons on the Nation's fishing, fish processing, and foreign trade in fishery products. The following reports are available through NTIS.

Year	Accession No.
1966	COM-75-10662
1967	COM-75-10663
1968	COM-75-10664
1969	COM-75-10665
1970	COM-71-50081
1971	COM-75-10666
1972	COM-73-50644
1973	COM-74-50546
1974	COM-75-10862
1975	PB-253966
1976	PB-268662
1977	PB-282741
1978	PB-297083
1979	PB-80-201593
1980	PB-81-241648
1981	PB-82-215542
1982	PB-83-216473
1983	PB-84-195148
1984	PB-86-144953
1985	PB-87-143145
1986	PB-88-164132
1987	PB-88-215173
1988	PB-89-216485
1989	PB-91-129-320
1990	PB-92-174523/AS
1991	PB-93-204536/AS
1992	PB-94-156387
1993	PB-95-219192

Fisheries Statistics of the United States (Statistical Digest) is a final report on the Nation's commercial fisheries showing more detail than Fisheries of the United States.

Year	Accession No.
1939	COM-75-11265
1940	COM-75-11266
1941	COM-75-11267
1942	COM-75-11268
1943	COM-75-11269
1944	COM-75-11270
1945	COM-75-11271
1946	COM-75-11272
1947	COM-75-11273
1948	COM-75-11274
1949	COM-75-11275
1950	COM-75-11056
1951	COM-75-11053
1952	COM-75-11054
1953	COM-75-11055
1954	COM-75-11057
1955	COM-75-11058
1956	COM-75-11059
1957	COM-75-11060
1958	COM-75-11061
1959	COM-75-11062
1960	COM-75-11063
1961	COM-75-11064
1962	COM-75-11065
1963	COM-75-11066
1964	COM-75-11067
1965	COM-75-11068
1966	PB-246429
1967	PB-246430
1968	COM-72-50249
1969	COM-75-10887
1970	COM-75-10643
1971	COM-74-51227
1972	COM-75-11430

Fisheries Statistics of the United States *(continued)*

Year	Accession No.
1973	PB-262058
1974	PB-277796
1975	PB-300625
1976	PB-81-163438
1977	PB-84-192038

HISTORICAL REPORTS:

Historical Catch Statistics is a series of publications reporting catch of certain species in the United States for historical purposes. The following reports are available through NTIS:

Atlantic and Gulf Coast States, 1879 - 1989. Current Fisheries Statistics No. 9010 - Historical Series Nos. 5-9 Revised. Report covers total landings for major species, by state and by region. (NTIS No. PB-93-174266).

Atlantic and Gulf Coast States, 1950 - 1991. Current Fisheries Statistics No. 9210 - Historical Series No. 10-Revised. Report covers landings and value of major species, by Region. (NTIS No. PB-93-174274).

IMPORTS AND EXPORTS OF FISHERY PRODUCTS

Annual Summary:

Year	Accession No.
1982	PB-92-218635
1983	PB-92-218643
1984	PB-92-214972
1985	PB-92-222280
1986	PB-92-228196
1987	PB-92-228055
1988	PB-92-222272
1989	PB-92-222264
1990	PB-92-222256
1991	PB-92-221803
1992	PB-95-219499
1993	PB-95-219481
1994	PB-95-219507

MARINE RECREATIONAL FISHING:

Determination of the Number of Commercial and Non-Commercial Recreational Boats in the United States, Their Use, and Selected Characteristics, COM-74-11186.

Biennial Report to the President of the United States - Federal Agency Implementation of Executive Order 12962 - Recreational Fisheries. National Recreational Fisheries Coordination Council. 12p. 1998. (Fx2).

The NMFS-Specific Plan to Meet the Goals and Objectives of the Recreational Fishery Resources Conservation Plan. National Marine Fisheries Service. 8p. 1997. (Fx2).

Recreational Fishery Resources Conservation Plan. National Marine Fisheries Service. 16p. 1996. (Fx2).

MARINE RECREATIONAL FISHERY STATISTICS SURVEY:

Atlantic and Gulf Coasts:

Year	Accession No.
1979-80	PB-84-199652
1979 (Revised)-1980	PB-89-102552
1981-1982	PB-89-102560
1983-1984	PB-89-102628
1985	PB-89-102669
1986	PB-89-102701
1987-1989	PB-92-174820
1990-1991	(F/ST1)

Pacific Coast:

Year	Accession No.
1981-1982	PB-89-102925/AS
1983-1984	PB-89-102933/AS
1985	PB-89-102941/AS
1986	PB-89-102958/AS
1987-1989	(F/ST1)

PROCESSED FISHERY PRODUCTS:

Annual Summary:

Year	Accession No.
1979	PB-89-215248/AS
1980	PB-89-215255/AS
1981	PB-89-215263/AS
1982	PB-89-215289/AS
1883	PB-89-215271/AS
1984	PB-89-215297/AS
1985	PB-89-215305/AS
1986	PB-89-215313/AS
1987	PB-92-172956
1988	PB-92-204528/AS

STATE LANDINGS:

Maine: 1946-76, PB-271-296; 1977-79, PB-128258.

Massachusetts: 1943-76, PB-275866; 1977-79, PB-81-143182.

Rhode Island: 1954-77; PB-287627; 1978-79, PB-81-157158.

New York: 1954-76, PB-275449; 1977-79, PB-81-134546.

New Jersey: 1952-76, PB-275696; 1977-79, PB-81-159048

Maryland: 1960-76, PB-300636; 1977-79, PB-81-159003.

Virginia: 1960-76, PB-300637; 1977-79, PB-82-151960.

North Carolina: 1955-76, PB-288928; 1977-79, PB-82-151978.

South Carolina: 1957-76, PB-289405; 1977-79, PB-81-163198.

Georgia: 1956-76, PB-289814; 1977-79, PB-81- 157166.

Florida: 1950-76, PB-292068.

Alabama: 1950-77, PB-80-121262; 1978, PB-82-168071.

Mississippi: 1951-77, PB-80-121270; 1978, PB-82-169079.

Louisiana: 1957-77, PB-300583; 1978, PB82-168063.

Texas: 1949-77, PB-300603; 1978-79, PB-82-169004.

Shrimp Landings: 1956-76, PB-80-124696; 1978-79, PB-82-156183.

Gulf Coast Shrimp Data: 1958-76, PB-80-126899; 1978-79, PB-82-170390.

INTERNATIONAL REPORTS:

The Division of International Science and Technology, NMFS, prepares assessments of major fisheries to support priority NMFS programs. These reports may be of interest to the wider fishery community as they include biological, commercial, and technical information of potential use to academicians, industry, and environmentalists.

Swordfish:

In 1997 work was completed on a six-volume study, culminating a two-year research project to compile and analyze information on every key swordfish catching nation in the world. World Swordfish Fisheries, is the most comprehensive documentation of this fishery ever produced. Each volume of the study contains information on catch, fishing grounds, fishing fleets, gear and methods, markets, trade, bycatch, research, international relations, and other facets of the fishery. The books are carefully documented and have extensive statistical appendices, graphics, and photographic images to help explain the fishery and illustrate key trends. Work on the swordfish fisheries of the Atlantic States of Latin America is ongoing with major reports scheduled for release in 2001.

World Swordfish Fisheries: An Analysis of Swordfish Fisheries, Market Trends, and Trade Patterns, Past-Present-Future. Complete six-volume set. (NTIS No. PB-98-123414 / GBA).

Volume I: Executive Overview. Summary of World Fisheries for Swordfish and Overview of Global and Regional Trends. 53 p. (NTIS No.PB-98-123425 /GBA).

Volume II: Africa and the Middle East. Examination of Fisheries and Overview of Regional Trends in Africa and in Select Middle Eastern countries. 235 p. (NTIS No.B-98-123433 / GBA).

Volume III: Asia. Summary of Asian Fisheries and Overview of Regional Trends. Special Coverage of Japan, Korea, and Taiwan. 144 p. (NTIS No. PB-98-123441/ GBA).

Volume IV: Latin America. Summary of Swordfish Fisheries, along the Pacific Coast of South America. Both volumes 843 p. Further individual country reports are planned for 1998.

Part A., Section 1, Segment A. Covers Fisheries of Colombia, Ecuador, and Peru (428 p.) (NTIS No. PB-98-123458 / GBA).

Segment B. Provides in-depth Information about Chile (415 p.) (NTIS No.PB-98-123466 / GBA).

Volume V: North America. Overview of Canadian and U.S. Fisheries for Swordfish. 136 p. (NTIS No.PB-98-123474 / GBA).

Volume VI: Western Europe. Examination of European fisheries with special emphasis on the European Union member states (especially Spain, Italy, Greece and France). Non-EU countries are also considered. 324 p. (NTIS No .PB-98-123482 / GBA).

NORTHEAST REGION:

Status of Fishery Resources off the Northeastern United States for 1998. S. H. Clark, ed. 1998. (NOAA-TM-. NMFS-NE-115). 149 p. (F/NEC).

U.S. Atlantic Marine Mammal Stock Assessments — 1998. Waring, G. T., D. L. Palka, P. J. Clapham, S. Swartz, M. C. Rossman, T. V. N. Cole, K. D. Bisack, and L. J. Hansen, 1999. (NOAA-TM-NMFS-NE-116) 182p. (F/NEC).

SOUTHEAST REGION:

Habitat Protection Accomplishments of the National Marine Fisheries Service - Fiscal Year 1996. Habitat Conservation Division, Southeast Regional Office. 1996. 88 p.+Appen. (F/SER).

A Review of the Fishing Gear Utilized within the Southeast Region and their Potential Impact on Essential Fish Habits. Barnette, M. C. 2001 (NOAA-TM-NMFS-SEFSC-449). 62 p. (F/SER).

SOUTHWEST REGION:

Hawaiian Monk Seal in the Northwestern Hawaiian Islands, 1998. Johnos, T. C., and J. D. Baker (eds). 2000 (NOAA-TM-NMFS-SWR-292). 134 p. (F/SWC).

The Kewalo Research Facility–leading the way for more than 40 years. Brill, R.. W. (ed.). 1999. (NOAA-TM-NMFS-SWFSC-281). (F/SWC).

Marine Resources to Supplement Management of West Coast Groundfish Resources. Phase 1: A Technical Analysis. Pharrish, R.. H., J. Segar, and M. Yoklavich. 2000. Final report to the Pacific Fishery Management Council. June 2000. 63 p. (F/SWC)

Proceedings of the Second International Pacific Swordfish Symposium. DiNardo, G. T. (ed.). 1999. (NOAA-TM-NMFS-SWFSC-263). 246 p. (NTIS No. PB99-166357INZ). (F/SWC).

Stock Assessment of the Pacific Sardine and Management Recomidations for 2001. Executive Summery. Conser, R.. J., K. T. Hill, P. R.. Berger. 2000. Report sumitted to the Pacific Fishery Management Council, October 2000. 9p. (F/SWC).

Study of the Northwestern Hawaiian Islands Lobster Fishery Discards. Maine Aquaculture Center, Orono, Maine. October 2000. (Administrative Report AR-SWR-00-01). 85 p. (F/SWR/PIAO)

Tuna Fisheries, Trade, and Market of Japan. Sonu, Sunee C., 1999. (NOAA-TM-NMFS-SWR-034) 121 p. (F/SWR)

U.S. Pacific Marine Mammal Stock Assessments: 2000. Forney, K. A., M. M. Muto, M. Lowry, J. Baker, G. Cameron, J. Mobley, C. Stinchcomb, and J. V. Carrette. (NOAA-TM-NMFS-SWFSC-300). 283p. (F/SWC)

NORTHWEST REGION:

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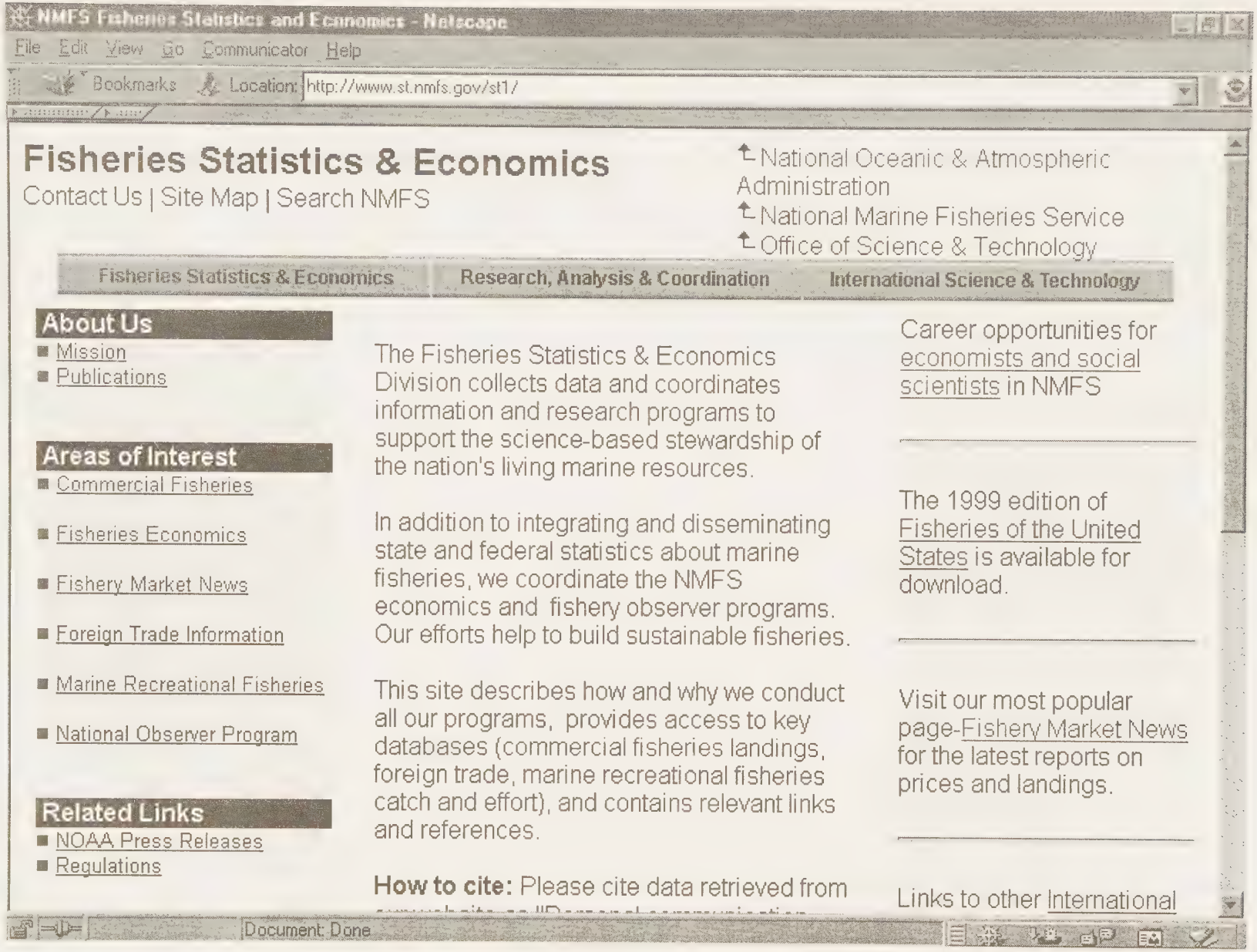
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Fisheries Statistics - http://www.st.nmfs.gov/st1/ — Descriptions of commercial and recreational fisheries statistics data collection and economic programs. Access to commercial monthly landings data bases, Marine Recreational Fisheries Statistics Survey (MRFSS) data, cold storage, Market News Reports, processed products data, trade data base, vessel documentation data, and electronic copies of "Fisheries of the United States."

Atlantic Highly Migratory Species (HMS) - http://www.nmfs.noaa.gov/sfa/hmspg.html — HMS and Billfish Fishery Management Plans, implementing regulations and related documents. The Stock Assessment and Fishery Evaluation Report for HMS: SAFE2000. Information on Atlantic tunas permits and link to online permit shop. Lists of members of the Advisory Panels, upcoming meetings and other HMS news

Habitat Conservation - http://www.nmfs.noaa.gov/habitat/ — Describes NOAA programs to conserve, protect, and restore habitats for living marine resources. Information on essential fish habitat, the NOAA Restoration Center and its Community-based Restoration Program, Damage Assessment and Restoration Program (DARP), and Coastal Wetlands Planning, Protection, and Restoration Act program (CWPPRA), and the NOAA Chesapeake Bay Office.

Inspection Program - http://seafood.nmfs.noaa.gov — Provides information on the voluntary National Seafood Inspection Program, including the services offered in the US and foreign countries to harvesters, processors, distributors, importers/exporters, buyers, and retailers; list of approved fish establishments and products; fees and charges; policies for advertising services; and official inspection marks and certificates.

Intergovernmental and Recreational Fisheries - http://www.nmfs.noaa.gov/irf/irf.html — Provides information on the Atlantic Coastal Fisheries Cooperative Management Act, the Atlantic Striped Bass Conservation Act, the Interjurisdictional Fisheries Act, the Anadromous Fisheries Conservation Act, and Executive Order 12962 - on Recreational fisheries.

Protected Resources - http://nmfs.noaa.gov/prot_res/prot_res.html — Contains recovery efforts for species considered endangered or threatened; depleted species of marine mammals; and a comprehensive list of other Internet resources pertaining to protection programs and other issues. Information on Endangered Species Act and Marine Mammal Protection Act.

Saltonstall-Kennedy Grant Program - http://www.nmfs.noaa.gov/sfweb/skhome.html — Description of the Saltonstall-Kennedy (S-K) Program, the most recent solicitation for proposals, application forms and instructions, FAQs, and Regional contacts for the S-K Program, as well as the latest update to the S-K Annotated Bibliography of completed projects.

Northeast Region - http://www.nero.nmfs.gov/doc/nero.html — Describes the mission and responsibilities of the Regional Office Staffs and Divisions. Provides information on northeast fisheries regulations, quota reports for specific species, multi-species preliminary statistics reports; scallop and multi-species days-at-sea activity reports; federal aid for MARFIN and SK grant programs; vessel permit system data; and links to other NOAA sites.

Northeast Fisheries Science Center - http://www.nefsc.nmfs.gov — Provides current and historical northeast fisheries information and data about research facilities, vessels, programs, publications, management, laws and regulations, and answers to frequently asked questions on fish and fisheries research. Features in-depth information on northeast stock status and realtime, at-sea, display of research vessel activities, measurements, and observations.

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HOME PAGES

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Southeast Fisheries Science Center - http://www.sefsc.noaa.gov/ — Describes the Center's programs, mission, laboratories, geographic scope, organization, research vessels, and upper-level scientific and management staff. Includes publications, news releases, newsletters (tuna and billfish), and information on the types of research being conducted on Pacific and Antarctic fishes, marine mammals, sea turtles, habitats, and marine ecosystems.

Alaska Region - http://www.fakr.noaa.gov — Provides information on in-season state of groundfish catch, current news releases and information bulletins, and current fisheries outlook and effort reports. Information on the Community Development Quota (CDQ) Program, At-Sea Scales Program, fisheries regulations and the manual for Groundfish Recordkeeping and Reporting. Information on the Individual Fishing Quota (IFQ) Program, marine mammals, habitat conservation, and links to other fisheries web sites.

Alaska Fisheries Science Center - http://www.afsc.noaa.gov/ — Describes the mission of the Center and the organization and purpose of its laboratories, divisions, and programs dedicated to Federal fisheries and marine mammal research in the coastal oceans off Alaska and the West Coast of the United States. Provides stock assessments, databases, AFSC Quarterly Report, cruise reports and schedules, other online documents, publication lists, image gallery of marine mammals, fishes, and crabs, and educational materials.

Northwest Region - http://www.nwr.noaa.gov — Provides information on the region's activities, mission and responsibilities. It includes news releases, announcements, documents and Federal Register notices about fisheries management plans, public hearings, programs, regulations, Endangered Species Act listings and proposals, habitat conservation, and regional hydro power activities.

Northwest Fisheries Science Center - http://research.nwfsc.noaa.gov/nwfsc-homepage.html — Describes Center research, including status and recovery of endangered salmon and new hatchery-rearing techniques; rapid-response analyzes of chemical pollution and harmful algae blooms in fishery grounds nationwide; assessing the west coast groundfish fishery; and developing new bycatch utilization technologies. News topics, current publications, library resources, and the Center's state-of-the-art water-recycling fish culture facility are also featured.

Southwest Region - http://swr.ucsd.edu — Describes the mission and responsibilities of the regional office. Announcements of Federal Register notices on seasons, trip limits, and quotas. Provides information on fisheries statistics, trade data, canned tuna updates and status of tuna import quotas, and catch reports for various California fisheries. Japanese market reports are available on sablefish, shrimp, landings and wholesale prices, etc., and links to other pertinent sites of interest to fishery and seafood industries.

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ANADROMOUS SPECIES. These are species of fish that mature in the ocean, and then ascend streams to spawn in freshwater. In the Magnuson Act, these species include, but are not limited to, Atlantic and Pacific salmons, steelhead trout, and striped bass. See 42 FR 60682, Nov. 28, 1977.

ANALOG PRODUCTS. These include imitation and simulated crab, lobster, shrimp, scallops, and other fish and shellfish products fabricated from processed fish meat (such as surimi).

AQUACULTURE. The farming of aquatic organisms in marine, brackish or fresh water. Farming implies private or corporate ownership of the organism and enhancement of production by stocking, feeding, providing protection from predators, or other management measures. Aquaculture production is reported as the weight and value of cultured organisms at their point of final sale.

BATTER-COATED FISH PRODUCTS. Sticks and portions or other forms of fish or shellfish coated with a batter containing a leavening agent and mixture of cereal products, flavoring, and other ingredients, and partially cooked in hot oil a short time to expand and set the batter.

BOAT, OTHER. Commercial fishing craft not powered by a motor, e.g., rowboat or sailboat, having a capacity of less than 5 net tons. See motorboat.

BREADED FISH PRODUCTS. Sticks and portions or other forms of fish or shellfish coated with a nonleavened mixture containing cereal products, flavorings, and other ingredients. Breaded products are sold raw or partially cooked.

BREADED SHRIMP. Peeled shrimp coated with breading. The product may be identified as fantail (butterfly) and round, with or without tail fins and last shell segment; also known as portions, sticks, steaks, etc., when prepared from a composite unit of two or more shrimp pieces whole shrimp or a combination of both without fins or shells.

BUTTERFLY FILLET. Two skin-on fillets of a fish joined together by the belly skin. See fillets.

CANNED FISHERY PRODUCTS. Fish, shellfish, or other aquatic animals packed in cans, or other containers, which are hermetically sealed and heat-sterilized. Canned fishery products may include milk, vegetables, or other products. Most, but not all, canned fishery products can be stored at room temperature for an indefinite time without spoiling.

COMMERCIAL FISHERMAN. An individual who derives income from catching and selling living resources taken from inland or marine waters.

CONSUMPTION OF EDIBLE FISHERY PRODUCTS. Estimated amount of commercially landed fish, shellfish, and other aquatic animals consumed by the civilian population of the United States. Estimates are on an edible-weight basis and have been adjusted for beginning and ending inventories of edible fishery products. Consumption includes U.S. production of fishery products from both domestically caught and imported fish, shellfish, other edible aquatic plants, animals, and imported products and excludes exports and purchases by the U.S. Armed Forces.

CONTINENTAL SHELF FISHERY RESOURCES. These are living organisms of any sedentary species that at the harvestable stage are either (a) immobile on or under the seabed, (b) unable to move except in constant physical contact with the seabed or subsoil of the continental shelf. The Magnuson Act now lists them as certain abalones, surf clam and ocean quahog, queen conch, Atlantic deep-sea red crab, dungeness crab, stone crab, king crabs, snow (tanner) crabs, American lobster, certain corals, and sponges.

CURED FISHERY PRODUCTS. Products preserved by drying, pickling, salting, or smoking; not including canned, frozen, irradiated, or pasteurized products. Dried products are cured by sun or air-drying; pickled or salted products are those products preserved by applying salt, or by pickling (immersing in brine or in a vinegar or other preservative solution); smoked products are cured with smoke or a combination of smoking and drying or salting.

DEFLATED VALUE. The deflated values referred to in this document are calculated with the Gross Domestic Products Implicit Price Deflator. The base year for this index is 1987.

EDIBLE WEIGHT. The weight of a seafood item exclusive of bones, offal, etc.

EEZ. See U.S. Exclusive Economic Zone.

EL NINO. This anomalous ocean warming of the eastern Equatorial Pacific occurs at time intervals varying from 2-10 years. El Nino conditions result in an accu-

mulation of warm water off South America which reduced the upwelling of nutrient-rich water necessary to support fisheries production. These conditions extended northward to the U.S. Pacific Coast. In addition to affecting the food available for fish, El Nino appears to alter the normal ranges, distributions, and migrations of fish populations.

EUROPEAN UNION. Austria, Belgium and Luxembourg, Denmark, Federal Republic of Germany, Finland, Greece, France, Ireland, Italy, Netherlands, Portugal, Spain, Sweden, and United Kingdom.

EXPORT VALUE. The value reported is generally equivalent to f.a.s. (free alongside ship) value at the U.S. port of export, based on the transaction price, including inland freight, insurance, and other charges incurred in placing the merchandise alongside the carrier at the U.S. port of exportation. The value excludes the cost of loading, freight, insurance, and other charges or transportation cost beyond the port of exportation.

EXPORT WEIGHT. The weight of individual products as exported, i.e., fillets, steaks, whole, breaded. etc. Includes both domestic and foreign re-exports data.

EXVESSEL PRICE. Price received by the harvester for fish, shellfish, and other aquatic plants and animals.

FISH BLOCKS. Regular fish blocks are frozen blocks or slabs of fillets or pieces of fillets cut or sliced from fish. Minced fish blocks are frozen blocks or slabs of minced flesh produced by a meat and bone separating machine.

FISH FILLETS. The sides of fish that are either skinned or have the skin on, cut lengthwise from the backbone. Most types of fillets are boneless or virtually boneless; some may be labeled as "boneless fillets."

FISH MEAL. A high-protein animal feed supplement made by cooking, pressing, drying, and grinding fish or shellfish.

FISH OIL. An oil extracted from body (body oil) or liver (liver oil) of fish and marine mammals; mostly a byproduct of fish meal production.

FISH PORTION. A piece of fish flesh that is generally of uniform size with thickness of 3/8 of an inch or more and differs from a fish stick in being wider or of a different shape. A fish portion is generally cut from a fish block.

FISH SOLUBLES. A water-soluble protein byproduct of fish meal production. Fish solubles are generally condensed to 50 percent solids and marketed as "condensed fish solubles."

FISH STEAK. A cross-section slice cut from a large dressed fish. A steak is usually about 3/4 of an inch thick.

FISH STICK. An elongated piece of breaded fish flesh weighing not less than 3/4 of an ounce and not more than 1-1/2 ounces with the largest dimension at least three times that of the next largest dimension. A fish stick is generally cut from a fish block.

FISHERY MANAGEMENT PLAN (FMP). A plan developed by a Regional Fishery Management Council, or the Secretary of Commerce under certain circumstances, to manage a fishery resource in the U.S. EEZ pursuant to the MFCMA (Magnuson Act).

FISHING CRAFT, COMMERCIAL. Boats and vessels engaged in capturing fish, shellfish, and other aquatic plants and animals for sale.

FULL-TIME COMMERCIAL FISHERMAN. An individual who receives more than 50 percent of his or her annual income from commercial fishing activities, including port activity, such as vessel repair and re-rigging.

GROUNDFISH. Broadly, fish that are caught on or near the sea floor. The term includes a wide variety of bottom fishes, rockfishes, and flatfishes. However, NMFS sometimes uses the term in a narrower sense. In "Fisheries of the United States," the term applies to the following species--Atlantic and Pacific: cod, hake, ocean perch, and pollock; cusk; and haddock.

IMPORT VALUE. Value of imports as appraised by the U.S. Customs Service according to the Tariff Act of 1930, as amended. It may be based on foreign market value, constructed value, American selling price, etc. It generally represents a value in a foreign country, and therefore excludes U.S. import duties, freight, insurance, and other charges incurred in bringing the merchandise to the United States.

IMPORT WEIGHT. The weights of individual products as received, i.e., fillets, steaks, whole, headed, etc.

INDUSTRIAL FISHERY PRODUCTS. Items processed from fish, shellfish, or other aquatic plants and animals that are not consumed directly by humans. These items contain products from seaweeds, fish meal, fish oils, fish solubles, pearl essence, shark and other aquatic animal skins, and shells.

INTERNAL WATER PROCESSING (IWPs). An operation in which a foreign vessel is authorized by the governor of a state to receive and process fish in the internal waters of a state. The Magnuson Act refers to internal waters as all waters within the boundaries of a state except those seaward of the baseline from which the territorial sea is measured.

JOINT VENTURE. An operation authorized under the MFCMA (Magnuson Act) in which a foreign vessel is authorized to receive fish from U.S. fishermen in the U.S. EEZ. The fish received from the U.S. vessel are part of the U.S. harvest.

LANDINGS, COMMERCIAL. Quantities of fish, shellfish, and other aquatic plants and animals brought ashore and sold. Landings of fish may be in terms of round (live) weight or dressed weight. Landings of crustaceans are generally on a live-weight basis except for shrimp which may be on a heads-on or heads-off basis. Mollusks are generally landed with the shell on, but for some species only the meats are landed, such as sea scallops. Data for all mollusks are published on a meat-weight basis.

MAGNUSON-STEVENS FISHERY CONSERVATION AND MANAGEMENT ACT, Public Law 94-265, as amended. The Magnuson-Stevens Act provides a national program for the conservation and management of fisheries to allow for an optimum yield (OY) on a continuing basis and to realize the full potential of the Nation's fishery resources. It established the U.S. Exclusive Economics Zone (EEZ) (formerly the FCZ - Fishery Conservation Zone) and a means to control foreign and certain domestic fisheries through PMPs and FMPs. Within the U.S. EEZ, the United States has exclusive management authority over fish (meaning finfish, mollusks, crustaceans, and all other forms of marine animal and plant life other than marine mammals, birds, and highly migratory species of tuna). The Magnuson Act provides further exclusive management authority beyond the U.S. EEZ for all continental shelf fishery resources and all anadromous species throughout the migratory range of each such species, except during the time they are found within any foreign nation's territorial sea or fishery conservation zone (or the equivalent), to the extent that such a sea or zone is recognized by the United States.

MARINE RECREATIONAL FISHING. Fishing for pleasure, amusement, relaxation, or home consumption.

MARINE RECREATIONAL CATCH. Quantities of finfish, shellfish, and other living aquatic organisms caught, but not necessarily brought ashore, by marine recreational fisherman.

MARINE RECREATIONAL FISHERMEN. Those people who fish in marine waters primarily for recreational purposes. Their catch is primarily for home consumption, although occasionally a part or all of their catch may be sold and enter commercial channels. This definition is used in the NMFS Marine Recreational Fishery Statistics Survey, and is not intended to represent a NMFS policy on the sale of angler-caught fish.

MAXIMUM SUSTAINABLE YIELD (MSY). MSY from a fishery is the largest annual catch or yield in terms of weight of fish caught by both commercial and recreational fishermen that can be taken continuously from a stock under existing environmental conditions. A determination of MSY, which should be an estimate based upon the best scientific information available, is a biological measure necessary in the development of optimum yield.

METRIC TONS. A measure of weight equal to 1,000 kilograms, 0.984 long tons, 1.1023 short tons, or 2,204.6 pounds.

MOTORBOAT. A motor-driven commercial fishing craft having a capacity of less than 5 net tons, or not officially documented by the Coast Guard. See "boat, other".

NORTHWEST ATLANTIC FISHERIES ORGANIZATION (NAFO). This convention, entered into force January 1, 1979, replaces ICNAF. NAFO provides a forum for continued multilateral scientific research and investigation of fishery resources that occur beyond the limits of coastal nations' fishery jurisdiction in the northwest Atlantic, and will ensure consistency between NAFO management measures in this area and those adopted by the coastal nations within the limits of their fishery jurisdiction.

OPTIMUM YIELD (OY). In the MFCMA (Magnuson Act), OY with respect to the yield from a fishery, is the amount of fish that (1) will provide the greatest overall benefit to the United States, with particular reference to food production and recreational opportunities; and (2) is prescribed as such on the basis of maximum sustainable yield from such fishery, as modified by any relevant ecological, economic, or social factors.

PART-TIME COMMERCIAL FISHERMAN. An individual who receives less than 50 percent of his or her annual income from commercial fishing activities.

PER CAPITA CONSUMPTION. Consumption of edible fishery products in the United States divided by the total civilian population. In calculating annual per capita consumption, estimates of the civilian resident population of the United States on July 1 of each year are used. These estimates are taken from current population reports, series P-25, published by the U.S. Bureau of the Census.

PER CAPITA USE. The use of all fishery products, both edible and nonedible, in the United States divided by the total population of the United States.

PRELIMINARY FISHERY MANAGEMENT PLAN (PMP). The Secretary of Commerce prepares a PMP whenever a foreign nation with which the United States has made a Governing International Fishery Agreement (GIFA) submits an application to fish in a fishery not managed by an FMP. A PMP is replaced by an FMP as soon as the latter is implemented. A PMP applies only to foreign fishing.

RE-EXPORTS. Re-exports are commodities which have entered the U.S. as imports and are subsequently exported in substantially the same condition as when originally imported.

RETAIL PRICE. The price of fish and shellfish sold to the final consumer by food stores and other retail outlets.

ROUND (LIVE) WEIGHT. The weight of fish, shellfish, or other aquatic plants and animals as taken from the water; the complete or full weight as caught. The tables on world catch found in this publication include, in the case of mollusks, the weight of both the shells and the meats, whereas the tables on U.S. landings include only the weight of the meats.

SURIMI. Minced fish meat (usually Alaska pollock) which has been washed to remove fat and undesirable matters (such as blood, pigments, and odorous substances), and mixed with cryoprotectants, such as sugar and/or sorbitol, for a good frozen shelf life.

TOTAL ALLOWABLE LEVEL OF FOREIGN FISHING (TALFF). The TALFF, if any, with respect to any fishery subject to the exclusive fishery management authority of the United States, is that portion of the optimum yield of such fishery which will not be harvested by vessels of the United States, as determined by provisions of the MFCMA.

U.S. EXCLUSIVE ECONOMIC ZONE (EEZ). The MSFCMA (Magnuson-Stevens Act) defines this zone as contiguous to the territorial sea of the United States and extending seaward 200 nautical miles measured from the baseline from which the territorial sea is measured. This was formerly referred to as the FCZ (Fishery Conservation Zone).

U.S.-FLAG VESSEL LANDINGS. Includes landings by all U.S. fishing vessels regardless of where landed as opposed to landings at ports in the 50 United States. These include landings at foreign ports, U.S. territories, and foreign vessels in the U.S. FCZ under joint venture agreements. U.S. law prohibits vessels constructed or registered in foreign countries to land fish catches at U.S. ports.

U.S. TERRITORIAL SEA. A zone extending 3 nautical miles from shore for all states except Texas and the Gulf Coast of Florida where the seaward boundary is 3 marine leagues (9 nautical miles)

USE OF FISHERY PRODUCTS. Estimated disappearance of the total supply of fishery products, both edible and nonedible, on a round-weight basis without considering beginning or ending stocks, exports, military purchases, or shipments to U.S. territories.

VESSEL. A commercial fishing craft having a capacity of 5 net tons or more. These craft are either enrolled or documented by the U.S. Coast Guard and have an official number assigned by that agency.

WHOLESALE FISH AND SHELLFISH PRICES. Those prices received at principal fishery markets by primary wholesalers (processors, importers, and brokers) for customary quantities, free on board (f.o.b.) warehouse.

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Federal Inspection Marks for Fishery Products

NATIONAL FISHERY PRODUCTS INSPECTION PROGRAM. The U.S. Department of Commerce (USDC), National Marine Fisheries Service, a part of the National Oceanic and Atmospheric Administration, conducts a voluntary seafood inspection program on a fee-for-service basis. A HACCP-based service is also available. Services provided by the program include vessel and plant sanitation, product inspection and grading, label reviews, product specification reviews, laboratory analyses, training, education and information. Inspection and certification services are available nationwide and in U.S. territories for all interested parties. Consultative services are provided in foreign countries. Inspection and certification services are also provided for imported and exported products. The USDC Seafood Inspection Division also provides HACCP training, plan development, implementation assistance, and verification service to industry (domestic and foreign) for the purpose of demonstrating compliance with FDA's HACCP rule (21 CFR Parts 123 and 1240) regarding "Procedures for the Safe and Sanitary Processing and Importing of Fish and Fishery Products" which was implemented December 18, 1997.

USERS OF INSPECTION SERVICES. The users of the voluntary seafood inspection service include vessel owners, processors, distributors, brokers, retailers, food service operators, exporters, importers, and those who have a financial interest in buying and selling seafood products. The U.S. Department of Agriculture recommends that USDC inspected products be purchased for its food feeding programs. The **USDC APPROVED LIST OF FISH ESTABLISHMENTS AND PRODUCTS,** published bi-annually, provides a listing of products and participants who contract with USDC.

USDC INSPECTION MARKS. These marks designate the level and the type of inspection performed by the federal inspector. The marks can be used in advertising and labeling under the guidelines provided by the Seafood Inspection Division and in accordance with federal and state regulations regarding advertising and labeling. Products bearing the USDC official marks have been certified as being safe, wholesome, and properly labeled.

"US GRADE A" MARK. The U.S. GRADE A mark signifies that a product has been processed under federal inspection in an approved facility and meets the established level of quality of an existing U.S. grade standard. The U.S. Grade A mark indicates that the product is of high quality, uniform in size, practically free from blemishes and defects, in excellent condition and possessing good flavor and odor.

"PROCESSED UNDER FEDERAL INSPECTION" MARK. The PUFI mark or statement signifies that the product has been inspected in an approved facility and was found to be safe, wholesome and properly labeled according to approved specifications or criteria. The language within the PUFI mark has been amended to "Processed Under Federal Inspection" to reflect actual inspection procedures and the regulatory requirements for use of the mark.

"LOT INSPECTED" MARK. A new USDC Lot Inspected mark was created to replace the "Officially Sampled" and "Accepted Per Specifications" lot inspection marks used on retail labels. The latter marks were no longer allowed/accepted after September 30, 1997. The use of the new mark meets the needs of both industry and consumers by conveying that the products bearing the mark have been examined by the USDC Program.

"RETAIL" MARK. In response to requests made by industry, a new mark has been created for retail or food service establishments. Participants qualify for use of the "Retail Mark" by receiving the USDC HACCP-based service or being under contract for sanitation services and associated product evaluation. Usage of such a mark will give the retail industry the opportunity to advertise on their banners, logos, or menus that their facility has been recognized by USDC for proper sanitation and handling of fishery products.

USDC HACCP MARK. The USDC HACCP-based service is available to all interested parties on a fee-for-service basis. Label approval, record keeping and analytical testing are program requirements. An industry USDC-certified employee trained in HACCP principles is also required for each facility/site in the program. Compliance ratings determine frequency of official visits. Benefits to participants include increased controls through a more scientific approach, use of established marks, increased efficiency of federal inspection personnel, and enhanced consumer confidence. The USDC has made available a HACCP mark and a "banner" to distinguish products that have been produced under the HACCP-based program. The HACCP banner must be used as an attachment to existing inspection grade marks. Establishments meeting HACCP program requirements may use these marks in conjunction with promotional material, packaging, point-of-sale notices, and menus.

FOR FURTHER INFORMATION:
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